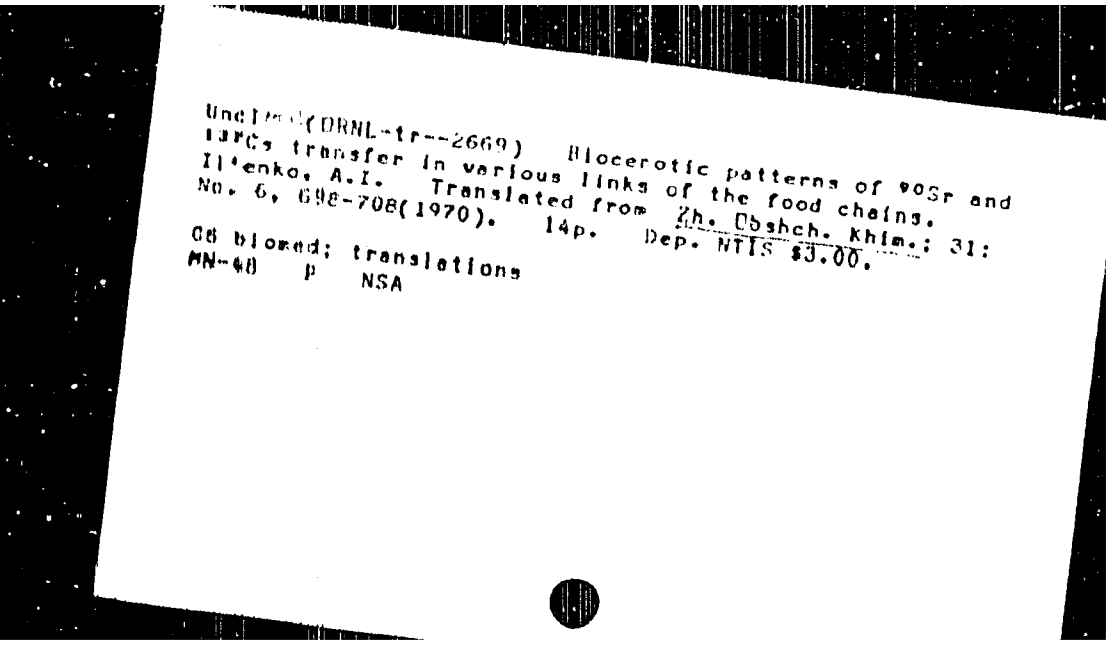
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Unclassified (ORNL-tr--2669) Biocerotic patterns of 90Sr and
137Cs transfer in various links of the food chains.
Il'enko, A.I. Translated from Zh. Obshch. Khim.; 31:
No. 6, 698-708(1970). 14p. Dep. NTIS $3.00.

OS blocked; translations
MN-40 p NSA

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Kogan, V. A.

Copper complex compounds with heterocyclic aldoximes.
ZHURNAL OBSHCHEI KHIMII, v. 42, p. 581-584, 1972.
NTC 73-10936-07C

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Picatinny Arsenal
Req. 75-1 a

9244/1874
3 July 1974

Zh. Org. Khim. Vol. 9, pp. 1760 (1973)

By [redacted]V.P.Sevenov; A.N.Studenikov et al

Language: Russian

Please translate and type 1 copy only.

Title: Fotoliz n-Khlorbenzoilanilida v 1-Etoksi-2-Metil-1-Propene i 2-Metil-2-Butene

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Picatinny Arsenal
Req. 75-20 j

9244/2560
18 Nov 74

Title: (Russian)

Author: ?

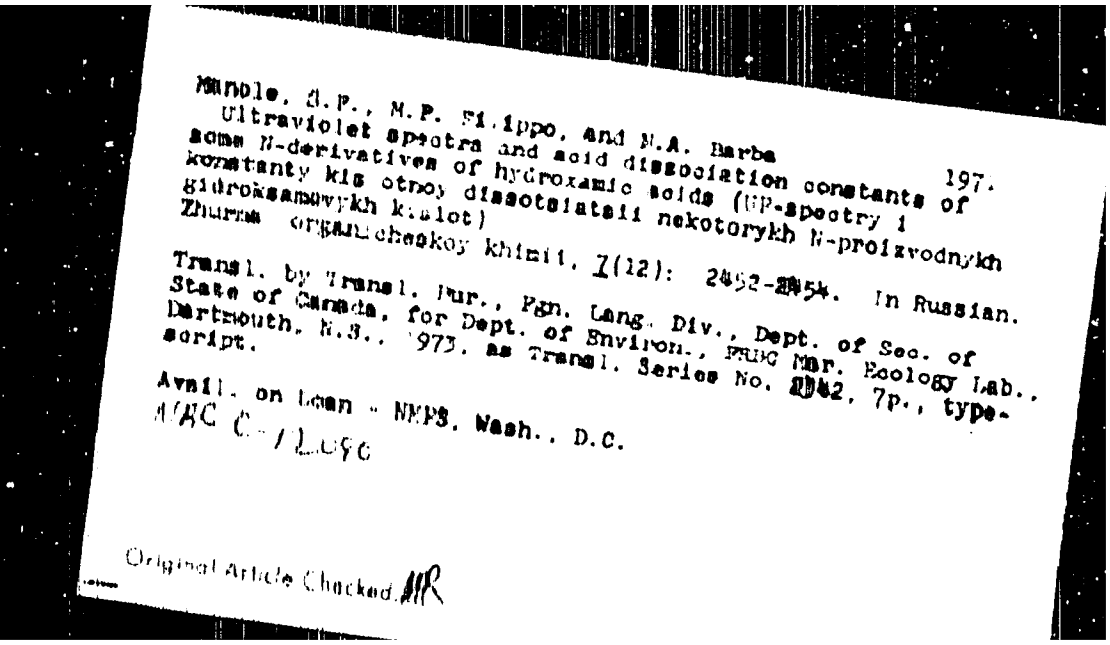
Source: Zh. Org. Khim. Vol. 7, pp. 2220-1 (1971)

Language: Russian

Please translate 6 type 1 copy only.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Mandle, R.P., M.P. Filippo, and N.A. Barba
Ultraviolet spectra and acid dissociation constants of 197.
some N-derivatives of hydroxamic acids (UF-spectry i
konstanty kis otnoy dissotsiatsii nekotorykh N-proizvodnykh
gidroksamovykh kislot)
Zhurnal organicheskoy khimii, 7(12): 2452-2454. In Russian.

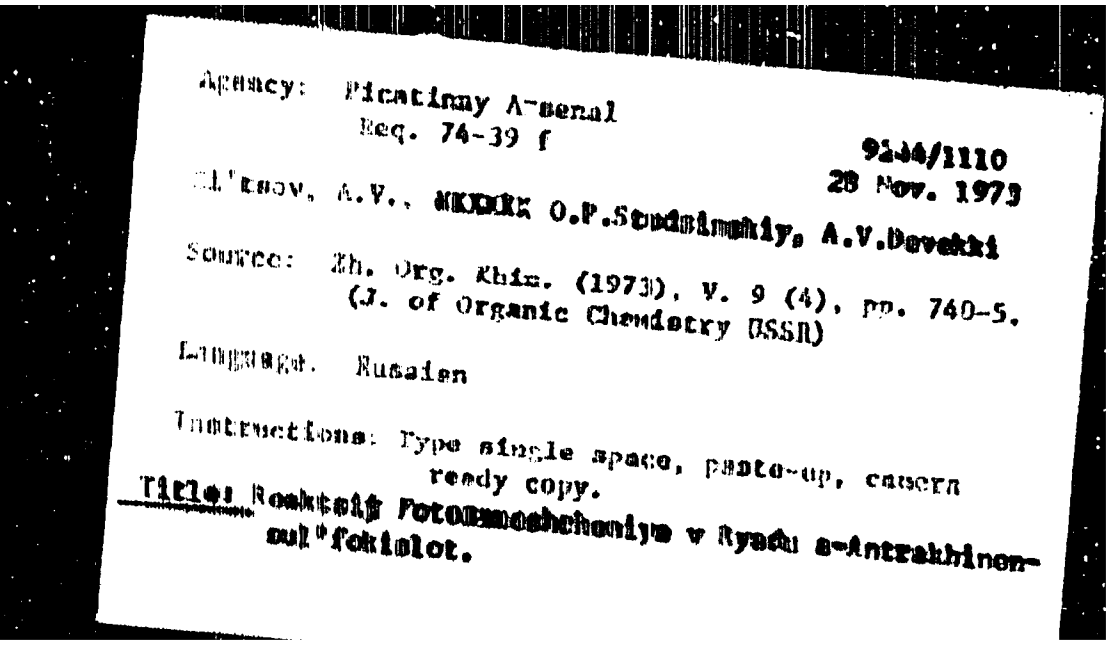
Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Dept. of Environ., FRBC Mar. Ecology Lab., Dartmouth, N.S., 1973. as Transl. Series No. 2042, 7p., typescript.

Avail. on loan - NMFS, Wash., D.C.
MAC C-12496

Original Article Checked. MR

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Agency: Picatinny Arsenal
Req. 74-39 f

9244/1110
28 Nov. 1973

Il'inov, A.V., [illegible] O.P.Studinskiy, A.V.Devekki

Source: Zh. Org. Khim. (1973), V. 9 (4), pp. 740-5.
(J. of Organic Chemistry USSR)

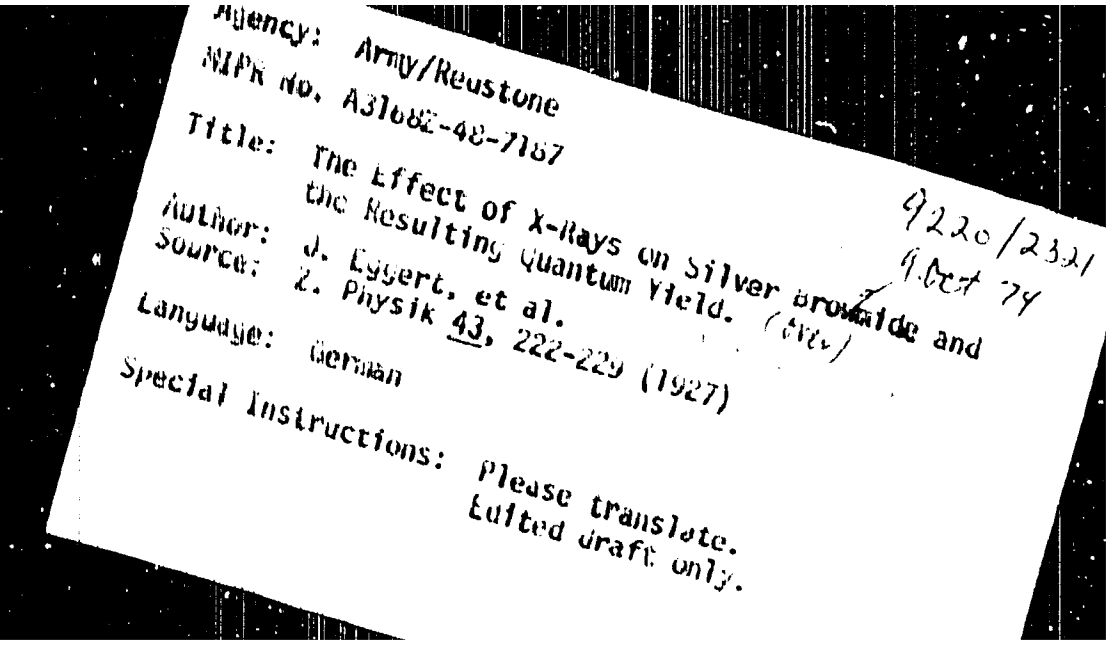
Language: Russian

Instructions: Type single space, paste-up, camera ready copy.

Title: Reaktsii fotoprisoyedineniya v ryadu α-Antrakhinonsul'fokislot.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Agency: Army/Redstone
NIPR No. A31682-48-7187
Title: The Effect of X-Rays on Silver Bromide and the Resulting Quantum Yield. (Abs.)
Author: J. Eggert, et al.
Source: Z. Physik 43, 222-229 (1927)
Language: German
Special Instructions: Please translate. Edited draft only.

9220/2321
9 Oct 74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

9-Sep-74

Uncl (SAND--74-6015) Theory of non-adiabatic chemical processes. LONDON, F. Translated by C.A. Henkel from Z. Phys.; 74: 143-174(1932). 53p. Dep. NTIS $5.75.

20 physics; translations
MN-34a P NSA

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

KISKER, K.
//ZHURNAL PHYSIK//
--/--/1972,V----,N0257,
Optical measurement of the electron-impact excitation of xenon and molecular nitrogen in the threshold region with high energy resolution,
13 pp,
pp 51-61,AIR/FTD-HT-23-2830-74
DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY
COPYRIGHT INFORMATION. OTHER REQUEST MUST BE
REFERRED TO FTD##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

M. E. Pozin

The Oxidation of sulfur dioxide in a ferrous sodium solfate solution.
ZHURNAL PRIKLADNOI KHIMII, Vol 28, pp 681-686, 1955
NTC 72-15266-07B

mar 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

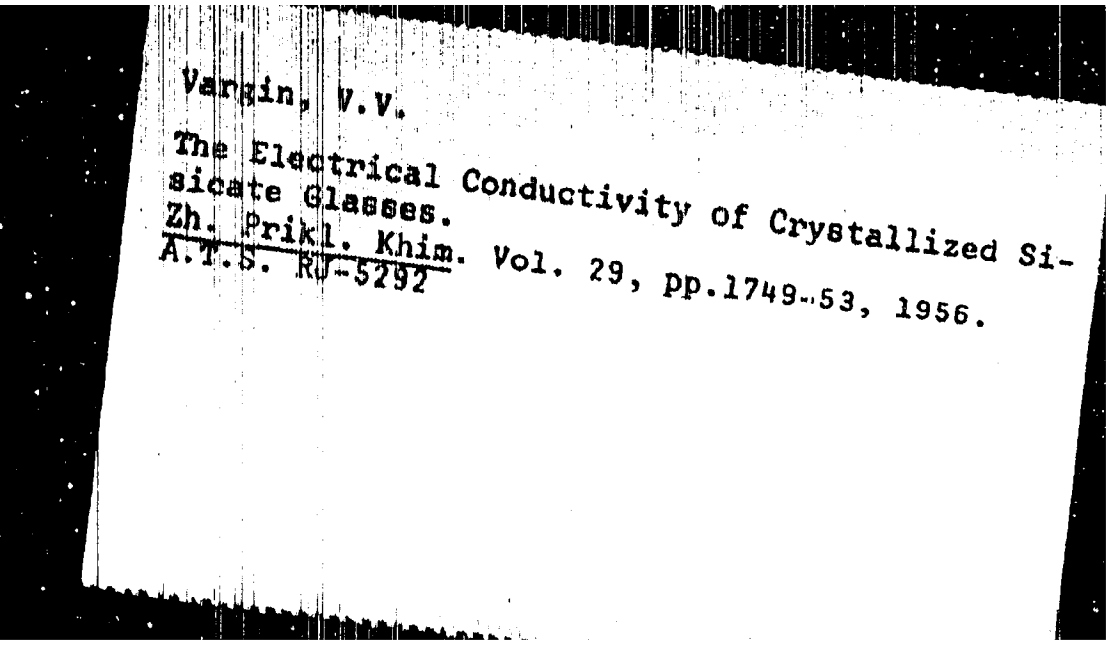
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Vargin, V.V.

The Effect of Phosphorus Pentoxide on the Whiteness of Titania Enamel.
Zh. Prikl. Khim. Vol. 29, No. 2, pp.293-5, 1956
A.T.S. RJ-5296

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Chudakov, M. I.

Preparation of nitrophenols from lignin obtained by hydrochloric acid hydrolysis of wood.

ZHURNAL PRILADNOI KHIMII, v. 35, p. 1602-1604, 1962.

NTC 73-10829-07C

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Reznikov, V. M.

Lignin separated by the bjerkman method from the wood of the siberian spruce. Ultraviolet spectra of condensed lignins.
ZHURNAL PRIKLADNOI KHIMII, V. 36, p. 1068-1075, 1963.
NTC 73-10828-07A

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

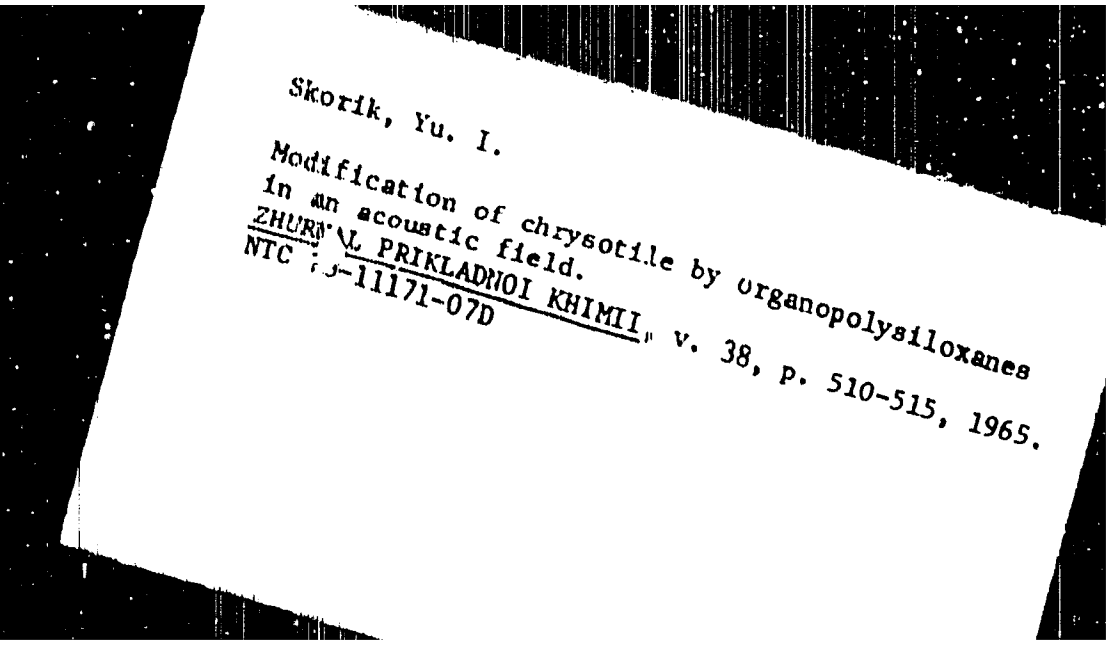
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Reznikov, V. M.

Ultraviolet spectra of condensed lignins. Report No. 2. The process of lignin condensation.
ZHURNAL PRIKLADNOI KHIMII, v. 36, p. 1314-1321, 1963.
NTC 73-10827-07C

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Skorik, Yu. I.

Modification of chrysotile by organopolysiloxanes in an acoustic field.

ZHURNAL PRIKLADNOI KHIMII, v. 38, p. 510-515, 1965.

NTC [illegible]-11171-07D

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Katsobashvili, Ya. R.

The Production of Mechanically Strong Aluminum Oxide and Alumunum Oxide Catalysts in Spheroidal Granule Form by the Hydrocarbon-Ammonia Method.

ZH. PRIKL. KHIM., Vol.39, No.11, pp.2424-9, 1966.

A.T.S RJ-5859

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

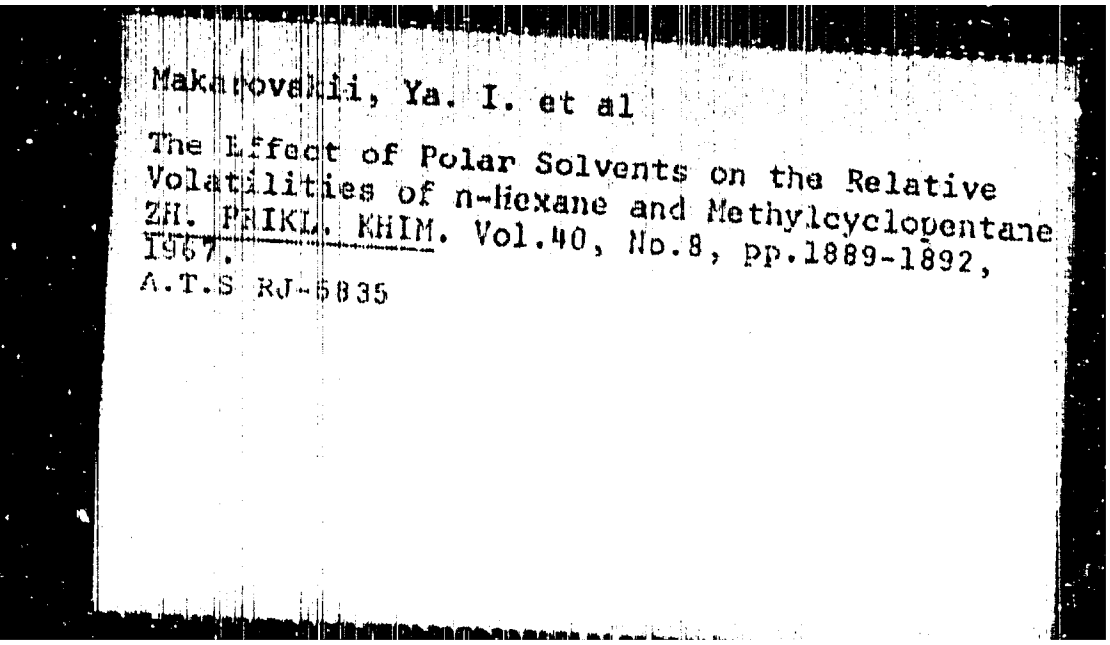
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Freidlin, G.N. et al

Solubility of Acetylene in Dimethyl Esters of Dicarboxylic Acids.
ZH. PRIKL. KHIM. Vol.40, No.7, pp.1597-601, 1967.
A.T.S RJ-5829

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Makarovskii, Ya. I. et al

The Effect of Polar Solvents on the Relative Volatilities of n-Hexane and Methylcyclopentane
ZH. PRIKL. KHIM. Vol.40, No.8, pp.1889-1892, 1967.
A.T.S RJ-5835

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

GANKIN, V. Yu.

Research on the Hydrocarbonylation of Olefins. Part II.
ZHURNAL PRIKLADNOI KHIMII, vol 41, pp 2582-2585, 1968.
NTC 73-10518-07C

May 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Patrikeev, V.V. et al

Catalytic Preparation of Hydrogen and Carbon Black from Natural Gas in a Ball Mill.
ZH. PRIKL. KHIM. (Leningrad) Vol.43, No.6, pp.1377-80, 1970.
A.T.S RJ-5858

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

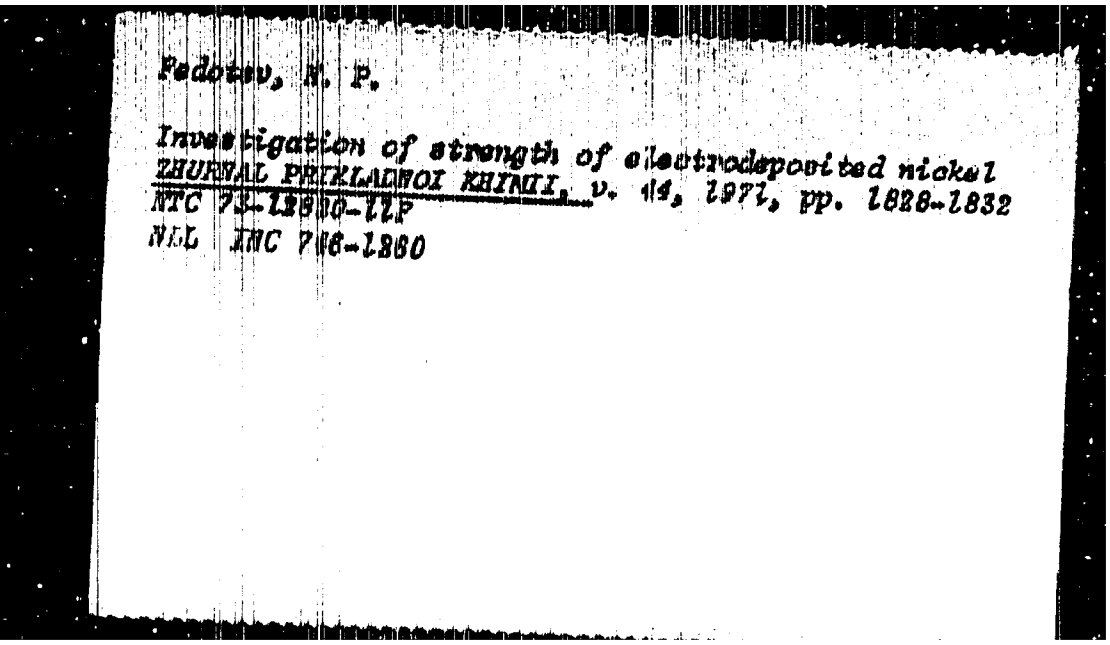
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Grigorev, V.

Determination of the effect of the polarity of the substituents of the effectiveness of the corrosion inhibitors of mettals. Part VI. Diffusion of hydrogen through iron membranes in the presence of airline derivates.
ZHURNAL PRIKLADNOI KHIMII, v. 44, p. 124-129, 1971.
TC T2741

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

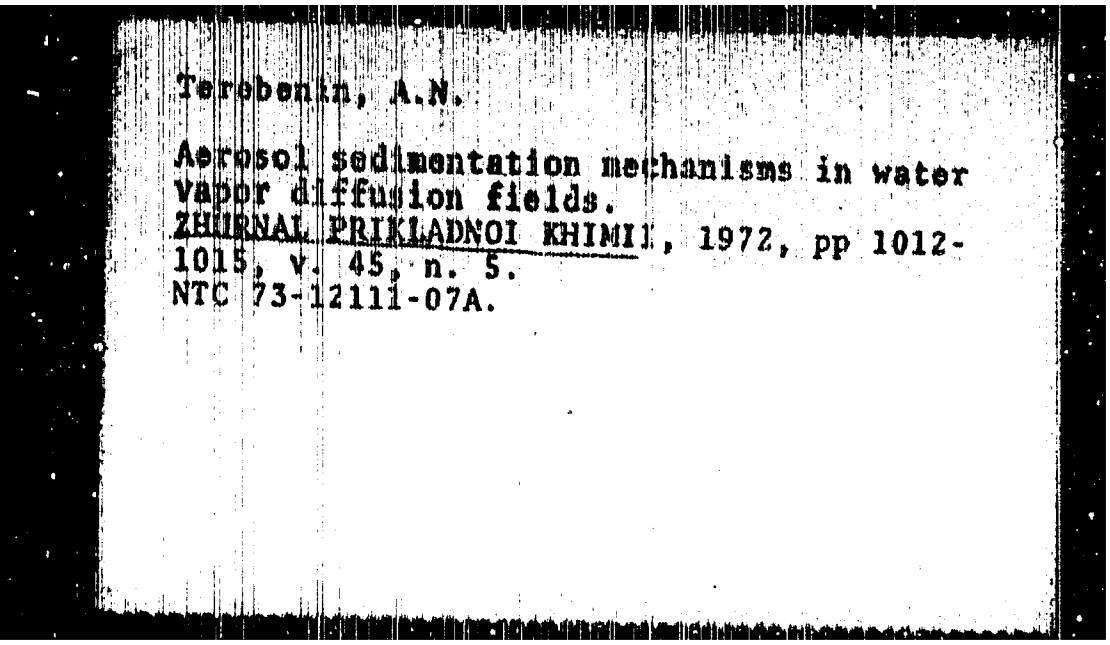


Fedotov, N. P.

Investigation of strength of electrodeposited nickel
ZHURNAL PRIKLADNOI KHIMII, v. 44, 1971, pp. 1828-1832
NTC 73-12800-11P
NLL INC P66-1860

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

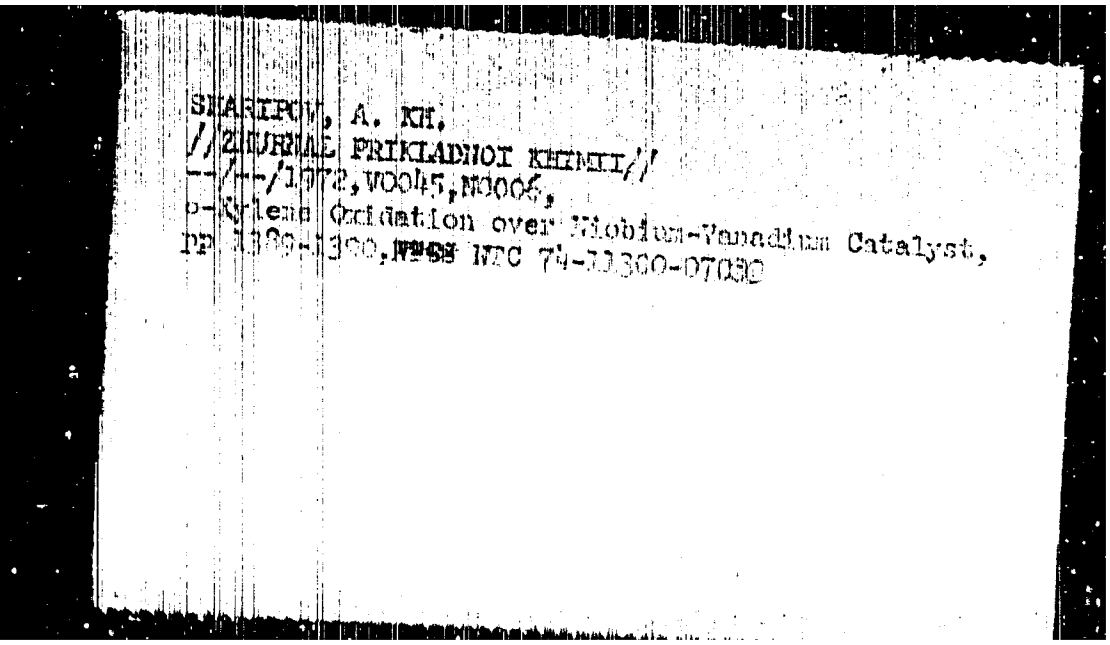


Terobenkn, A.N.

Aerosol sedimentation mechanisms in water vapor diffusion fields.
ZHURNAL PRIKLADNOI KHIMII, 1972, pp 1012-1015, v. 45, n. 5.
NTC 73-12111-07A.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



SHARIPOV, A. KH.
//ZHURNAL PRIKLADNOI KHIMII//
--/--/1972,V00045,N00006,
p-Xylene Oxidation over Niobium-Vanadium Catalyst,
pp 1389-1390,[illegible] NTC 74-50300-07030

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Zhurnal Prikladnoy Khimiy, Vol 45, No 9, Pt 2,
Sept 1972.

Cover-to-Cover by Consultants Bureau

Available by Serials

Apr 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Zhurnal Prikladnoy Khimiy, Vol 45, No 10, Pt 2, Oct. 1972.

Cover-to-Cover by Consultants Bureau

Available at Ly Serials

Apr 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Zhurnal Prikladnoy Khimiy, Vol 45, No 11, Pt 1, Nov 1972.

Cover-to-Cover by Consultants Bureau

Available at Ly Serials

May 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

ZHURNAL PRIKLADNOI KHIMII, Vol 45, No 11, Part 2,
Nov, 1972,
pp 2435-2608 Russian pages
pp 2651-2743 English pages

Full trans CONSULTANTS BUREAU

AVAIL LY SERIALS

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

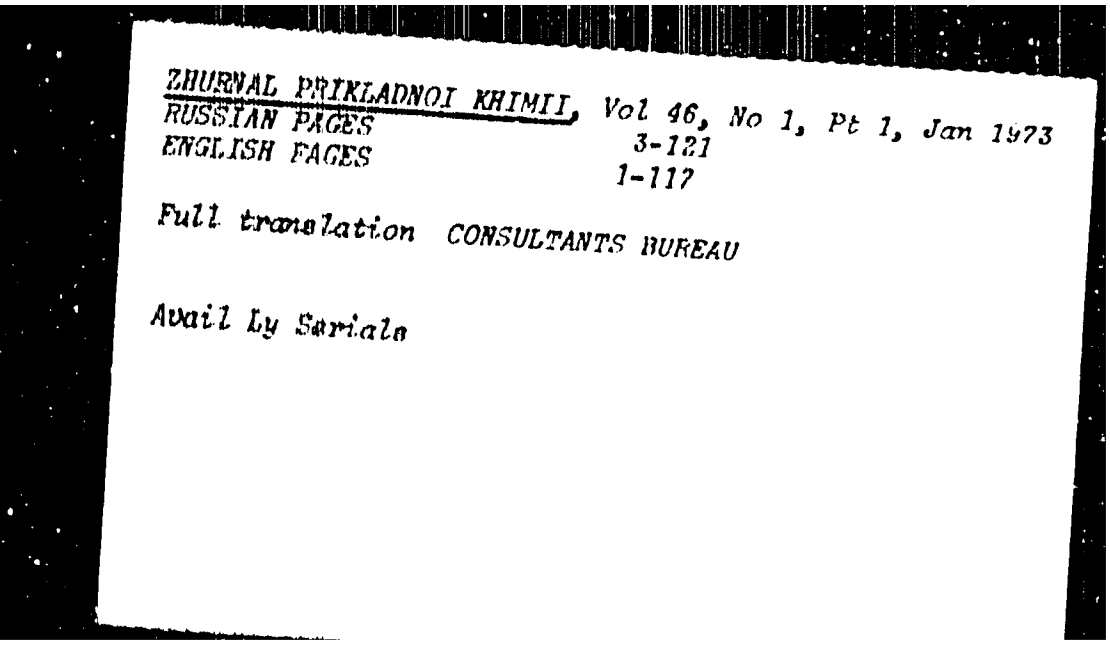
ZHURNAL PRIKLADNOY KHIMIY, Vol 45, No 12, Pt 2,
December 1972
Russian pages 2696-2781
English pages 2829-2923

Full translation CONSULTANTS BUREAU

Avail Ly Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



ZHURNAL PRIKLADNOI KHIMII, Vol 46, No 1, Pt 1, Jan 1973
RUSSIAN PAGES 3-121
ENGLISH PAGES 1-117

Full translation CONSULTANTS BUREAU

Avail Ly Sarials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

ZHURNAL PRIKLADNOY KHIMIY, Vol 46, No 1, Pt 2,
January 1973
Russian pages 121-239
English pages 119-254

Full translation CONSULTANTS BUREAU

Available by Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

ZHURNAL PRIKLADNOI KHIMII, Vol 46, No 2, Pt 1, Feb 1973

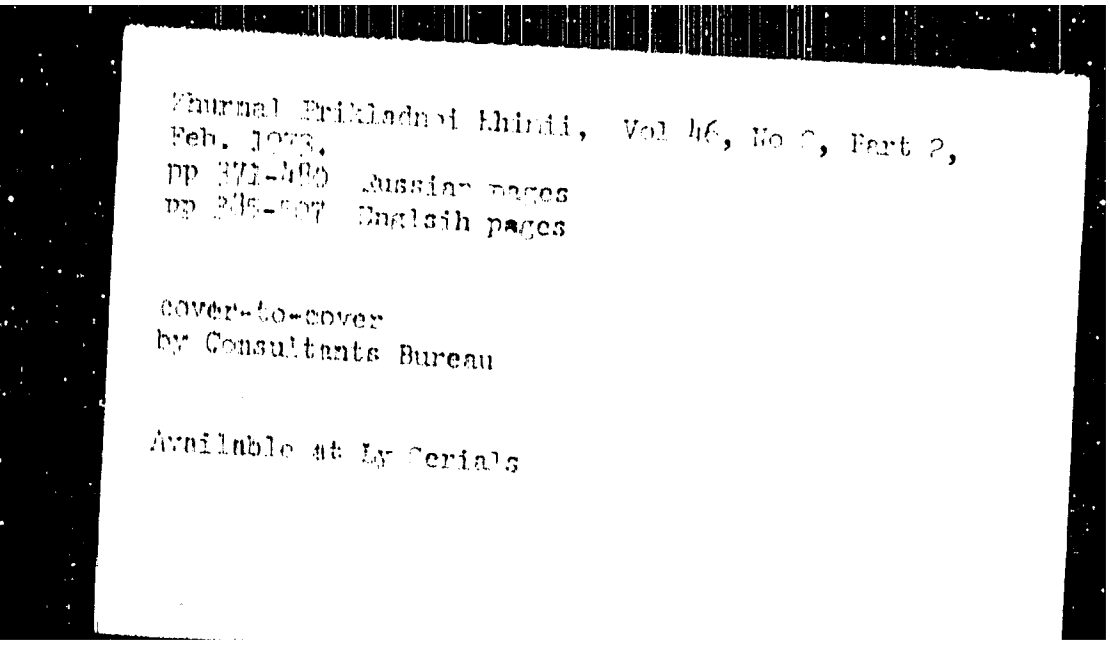
RUSSIAN PAGES 241-369
ENGLISH PAGES 257-393

Full translation CONSULTANTS BUREAU

Avail Ly Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Zhurnal Prikladnoi Khimii, Vol 46, No 2, Part 2,
Feb. 1973,
pp 371-489 Russian pages
pp 385-497 English pages

cover-to-cover
by Consultants Bureau

Available at Ly Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

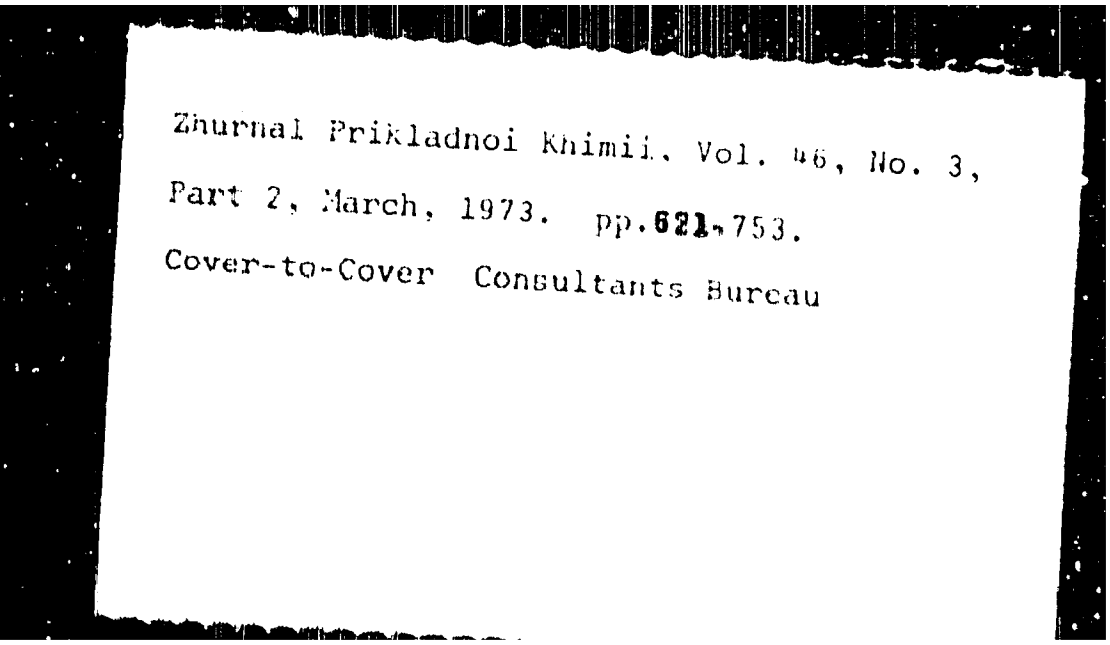
ZHURNAL PRIKLADNOI KHIMII, Vol 46, No 3, Pt 1, Mar 1973
RUSSIAN PAGES 481-590
ENGLISH PAGES 509-620

FULL TRANSLATION CONSULTANTS BUREAU

Avail Ly Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Zhurnal Prikladnoi Khimii, Vol. 46, No. 3,
Part 2, March, 1973. pp. 621-753.
Cover-to-Cover Consultants Bureau

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

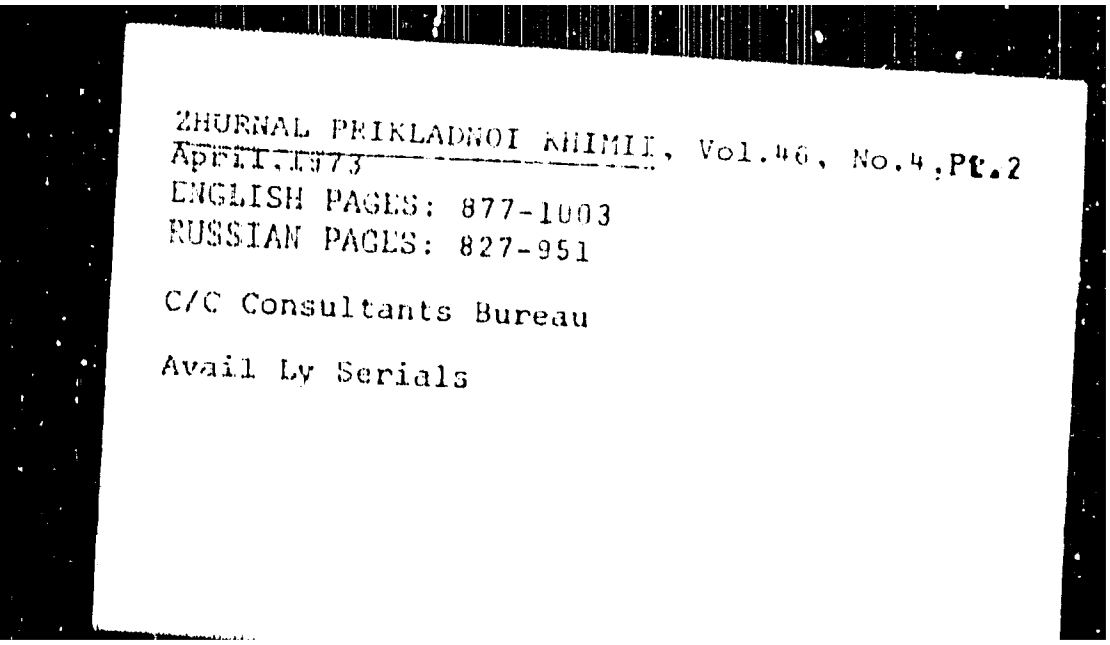
ZHURNAL PRIKLADNOI KHIMII, Vol.46, No.4, Pt.1
April 1973.
ENGLISH PAGES: 755-873
RUSSIAN PAGES: 705-824

C/C Consultants Bureau

Available at Ly Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



ZHURNAL PRIKLADNOI KHIMII, Vol.46, No.4, Pt.2
APRIL 1973
ENGLISH PAGES: 877-1003
RUSSIAN PAGES: 827-951

C/C Consultants Bureau

Avail Ly Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

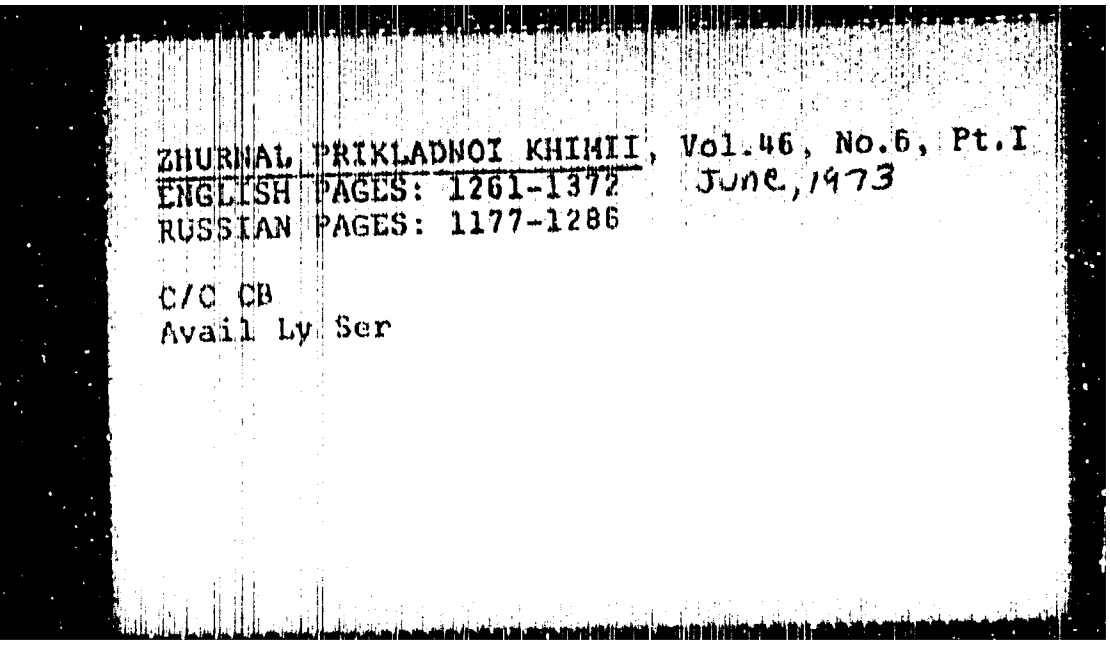
ZHURNAL PRIKLADNOI KHIMII, Vol.46, No.5, Pt.1
May, 1973.
ENGLISH PAGES: 1017-1124
RUSSIAN PAGES: 953-1062

Consultants Bureau

Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



ZHURNAL PRIKLADNOI KHIMII, Vol.46, No.6, Pt.I
ENGLISH PAGES: 1261-1372 June,1973
RUSSIAN PAGES: 1177-1286

C/C CB
Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

ZHURNAL PRIKLADNOI KHIMII, Vol. 46, No. 5,
Pt. 2, May 1973.
ENGLISH PAGES: 1129-1259
RUSSIAN PAGES: 1066-1174

C/C Consultants Bureau

Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

ZHURNAL PRIKLANDOI KHINIY, Vol 46, No 6, Pt 2, June 1973

RUSSIAN PAGES 1291-1399
ENGLISH PAGES 1377-1502

COVER TO COVER CONSULTANTS BUREAU

Avail Ly SEriale

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

ZHURNAL PRIKLADNOI KHIMIY, Vol 46, No 7, Pt 1, July 1973

RUSSIAN PAGES 1401-1512
ENGLISH PAGES 1503-1612

Trans CONSULTANTS BUREAU COVER TO COVER

Avail Ly Seriala

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

ZHURNAL PRIKLADNOY KHIMII, Vol 46, No 7, Pt 2, July 1973

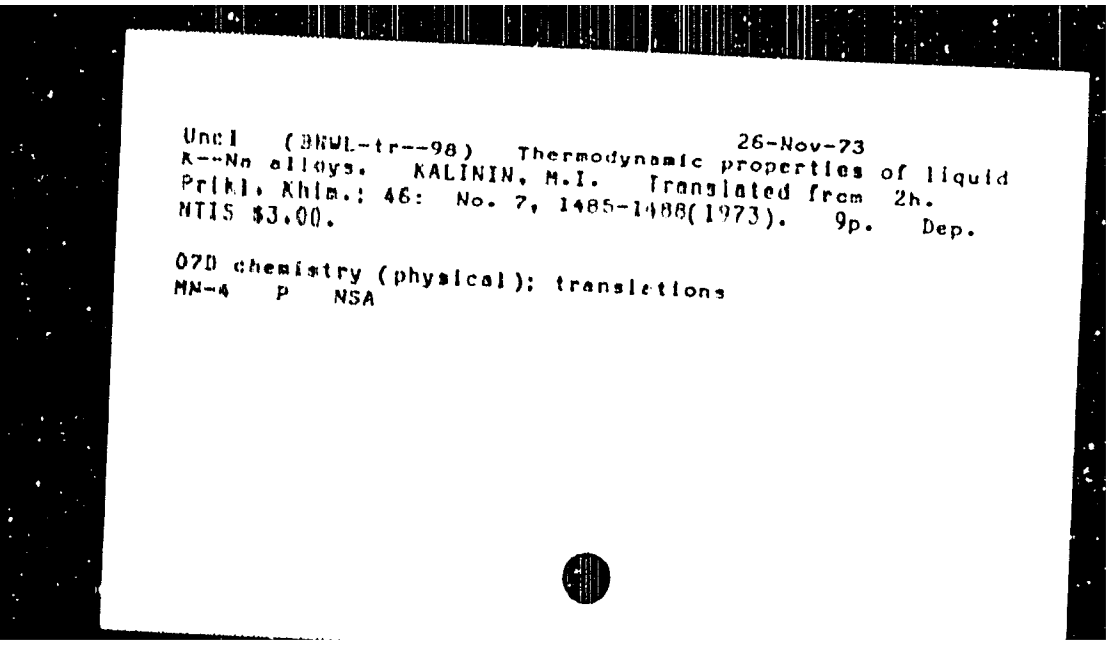
RUSSIAN PAGES 1515-1630
ENGLISH PAGES 1613-1740

Full translation CONSULTANTS BUREAU

Avail Ly Info

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Uncl (BNWL-tr--98) 26-Nov-73
K--Na alloys. KALININ, M.I. Translated from Zh. Prikl. Khim.: 46: No. 7, 1485-1488(1973). 9p. Dep. NTIS $3.00.

07D chemistry (physical): translations
MN-4 P NSA

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

ZHURNAL PRIKLADNOI KHIMII, Vol 46, No 8, Pt. 1 Aug 1973

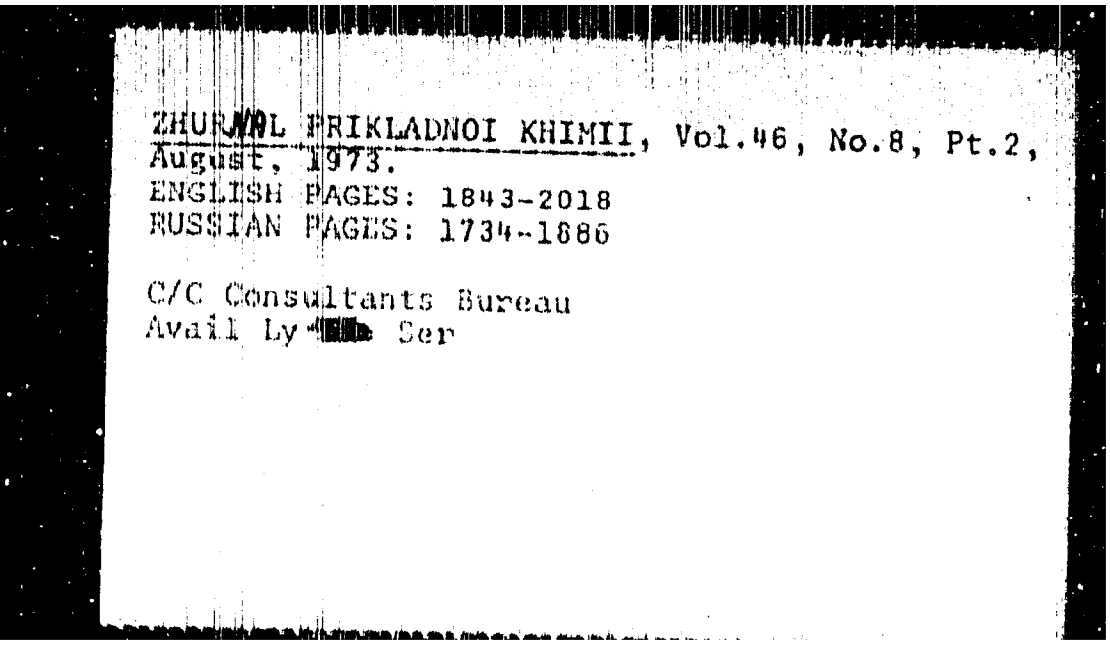
RUSSIAN PAGES 1633-1733
ENGLISH PAGES 1741-1841

Full translation CONSULTANTS BUREAU

Avail Lg Info

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

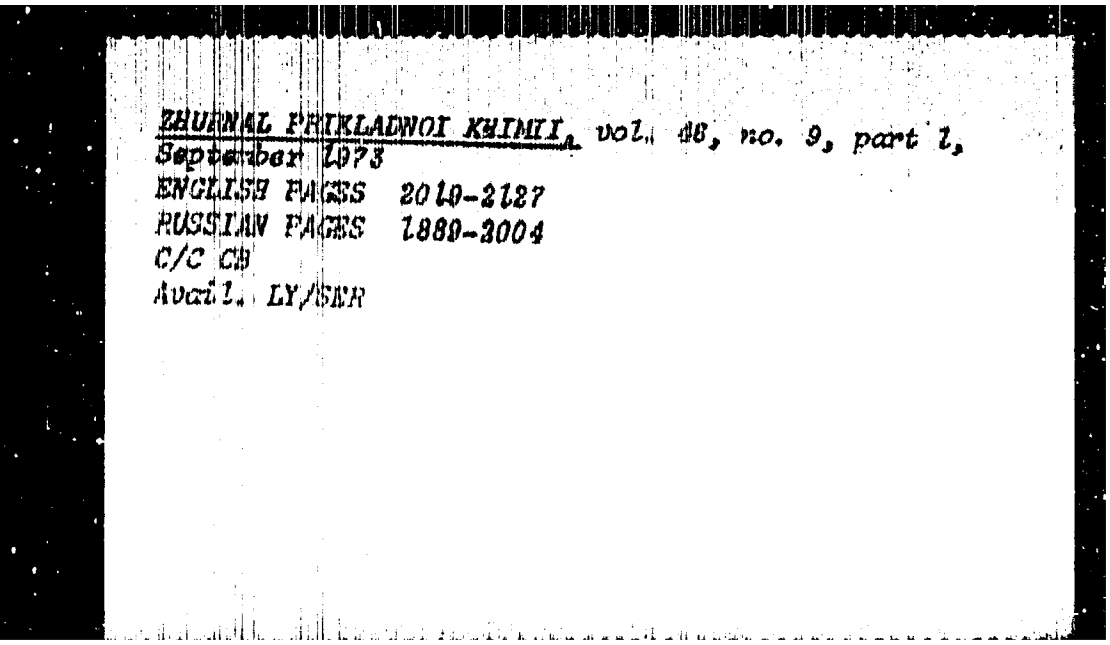


ZHURNAL PRIKLADNOI KHIMII, Vol.46, No.8, Pt.2,
August, 1973.
ENGLISH PAGES: 1843-2018
RUSSIAN PAGES: 1734-1886

C/C Consultants Bureau
Avail Ly [redacted] Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

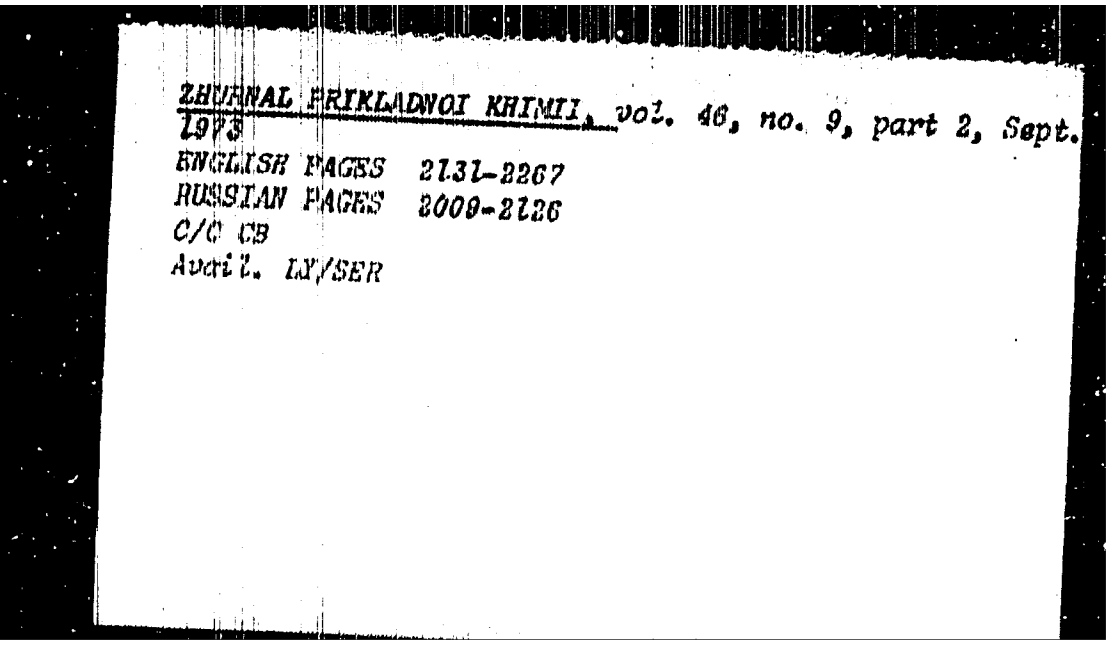
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



ZHURNAL PRIKLADNOI KHIMII, vol. 46, no. 9, part 1,
September 1973
ENGLISH PAGES 2010-2127
RUSSIAN PAGES 1889-2004
C/C CB
Avail. LY/SAR

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



ZHURNAL PRIKLADNOI KHIMII, vol. 46, no. 9, part 2, Sept. 1973
ENGLISH PAGES 2131-2267
RUSSIAN PAGES 2009-2126
C/C CB
Avail. LY/SER

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

THERMODYNAMICS OF FUSED LICL-CDCL2 SALT SOLUTIONS

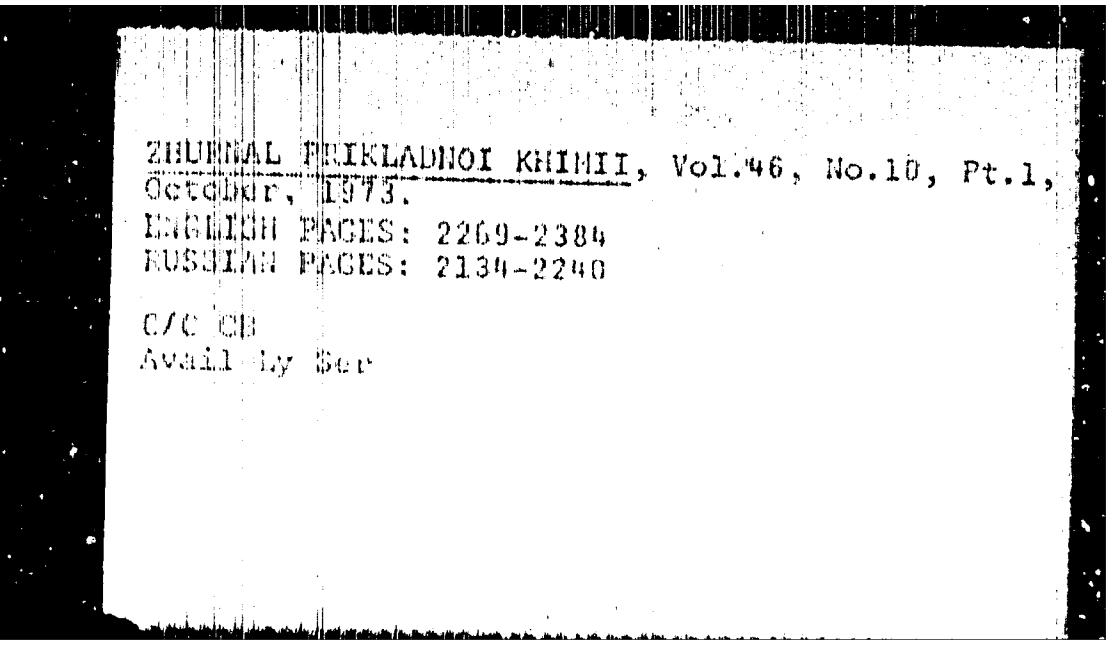
LANTRATOV M F LANGUAGE-RU COUNTRY-UR

ZHURNAL PRIKLADNOY KHIMII VOL 46 NO 9 1973
PP 2094-2097

FSTC-HT-23-0102-75

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

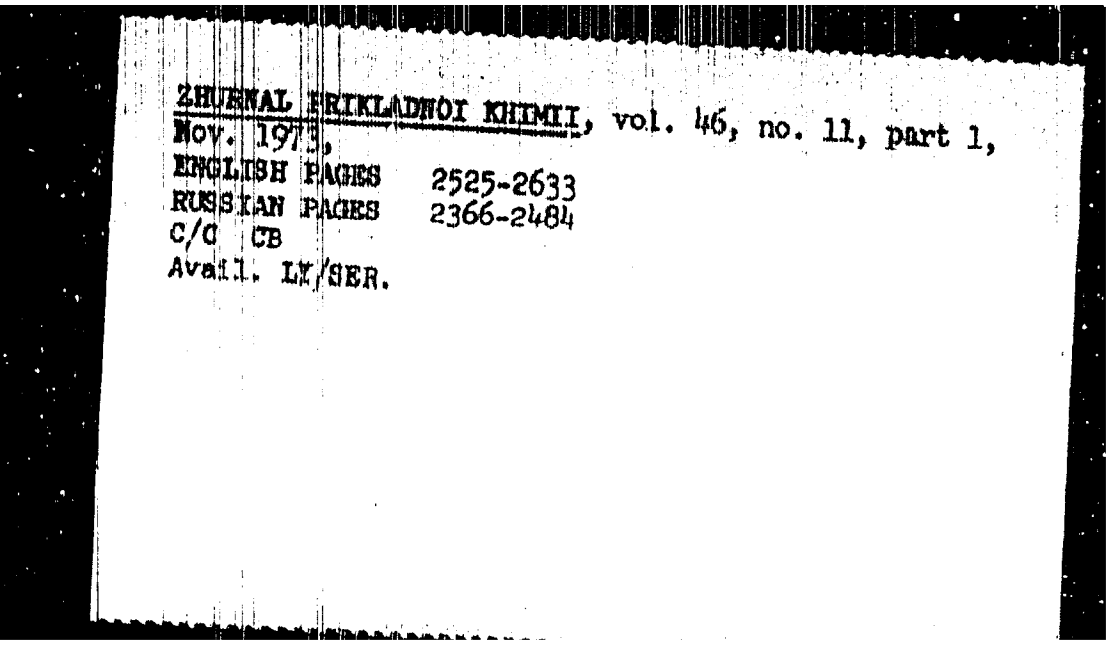


ZHURNAL PRIKLADNOI KHIMII, Vol.46, No.10, Pt.1,
October, 1973.
ENGLISH PAGES: 2269-2384
RUSSIAN PAGES: 2134-2240

C/C CB
Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

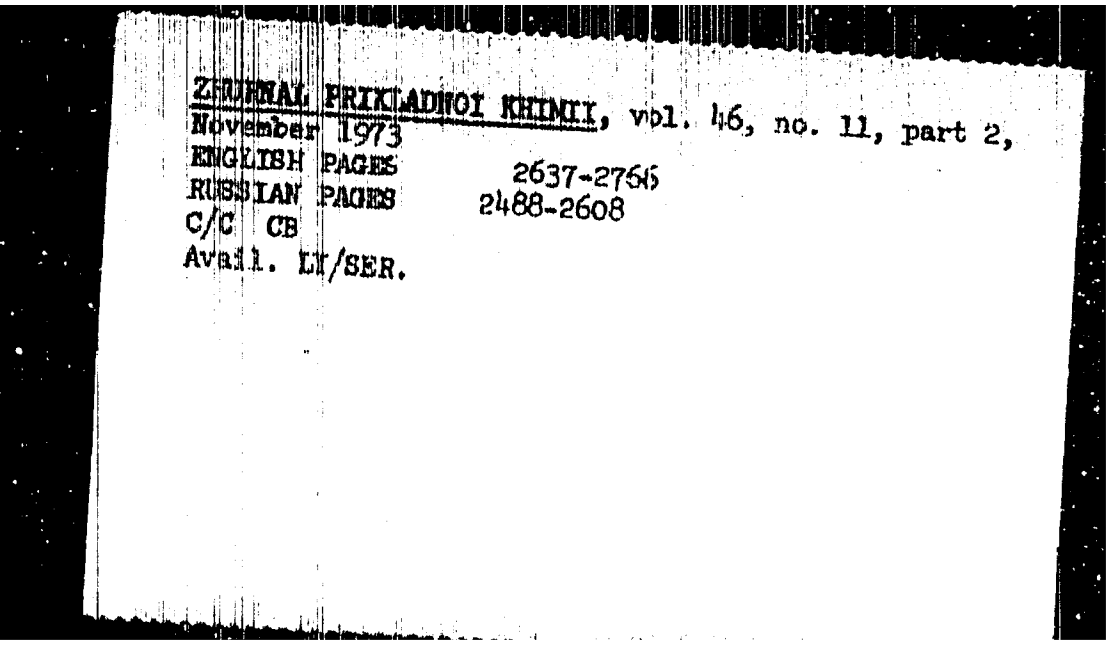
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



ZHURNAL PRIKLADNOI KHIMII, vol. 46, no. 11, part 1,
Nov. 1973,
ENGLISH PAGES 2525-2633
RUSSIAN PAGES 2366-2484
C/C CB
Avail. LY/SER.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



ZHURNAL PRIKLADNOI KHIMII, vol. 46, no. 11, part 2,
November 1973
ENGLISH PAGES 2637-2765
RUSSIAN PAGES 2488-2608
C/C CB
Avail. LT/SER.

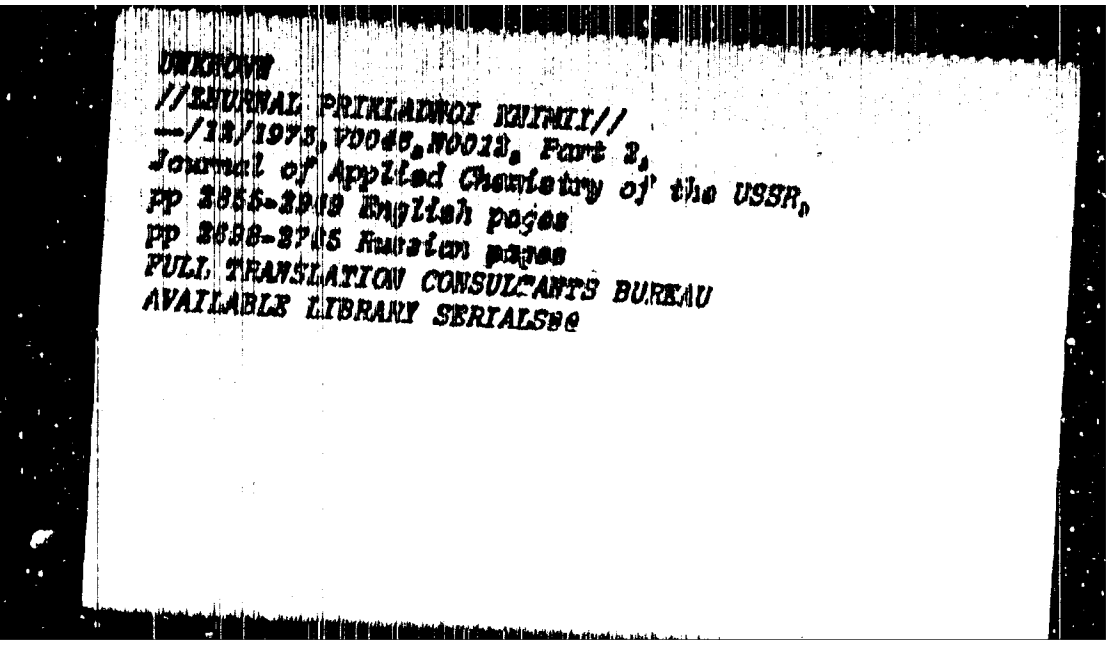
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

UNKNOWN
//ZHURNAL PRIKLADNOI KHIMII//
--/12/1973,V0046,N0012,
Journal of Applied Chemistry of the USSR, Part 1,
English pages 2787-2853
Russian Pages 2609-2697
FULL TRANSLATION CONSULTANTS BUREAU
AVAILABLE LIBRARY SERIALS@@

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

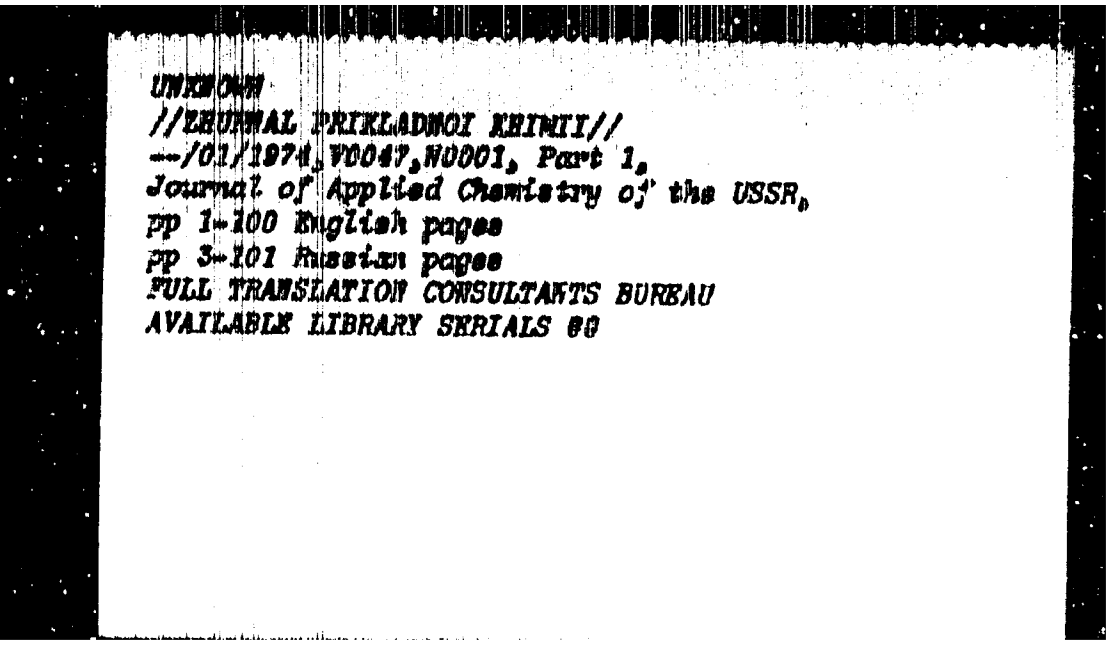
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



UNKNOWN
//ZHURNAL PRIKLADNOI KHIMII//
--/12/1975, V0048, N0012, Part 2,
Journal of Applied Chemistry of the USSR,
pp 2855-2919 English pages
pp 2655-2715 Russian pages
FULL TRANSLATION CONSULTANTS BUREAU
AVAILABLE LIBRARY SERIALS.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

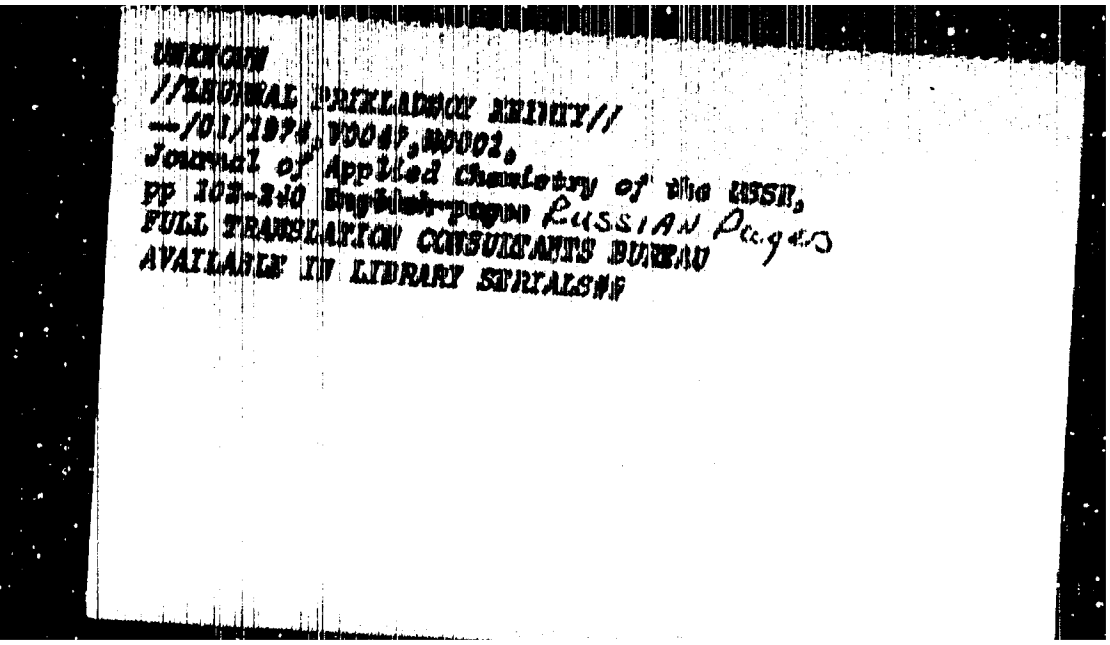
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



UNKNOWN
//ZHURNAL PRIKLADNOI KHIMII//
---/01/1974,V0047,N0001, Part 1,
Journal of Applied Chemistry of the USSR,
pp 1-100 English pages
pp 3-101 Russian pages
FULL TRANSLATION CONSULTANTS BUREAU
AVAILABLE LIBRARY SERIALS 69

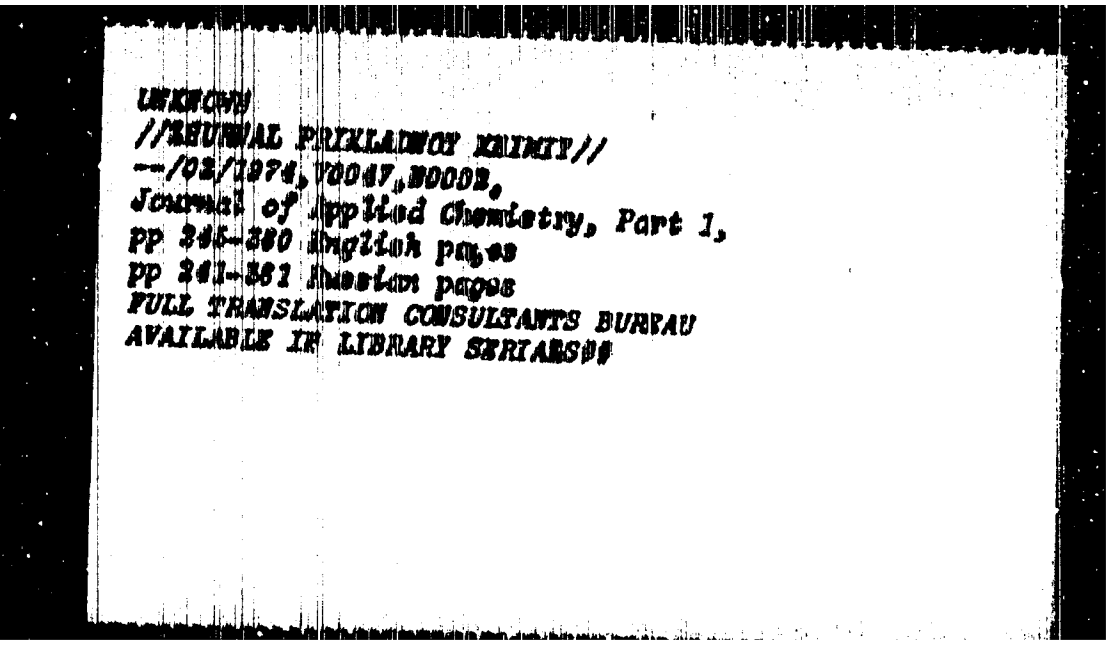
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



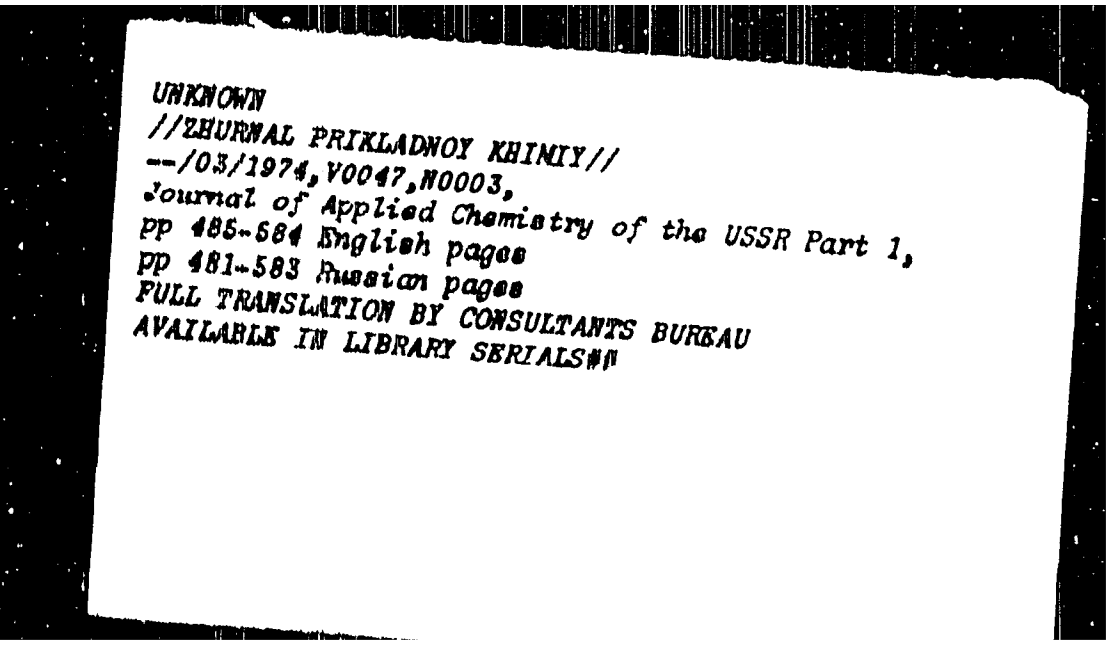
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

UNKNOWN
//ZHURNAL PRIKLADNOY KHIMIY//
---/02/1974,V0047,N0002,
Journal of Applied Chemistry, Part 2,
pp 361-483 English pages
pp 361-480 Russian pages
FULL TRANSLATION CONSULTANTS BUREAU
AVAILABLE IN LIBRARY SERIALS##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

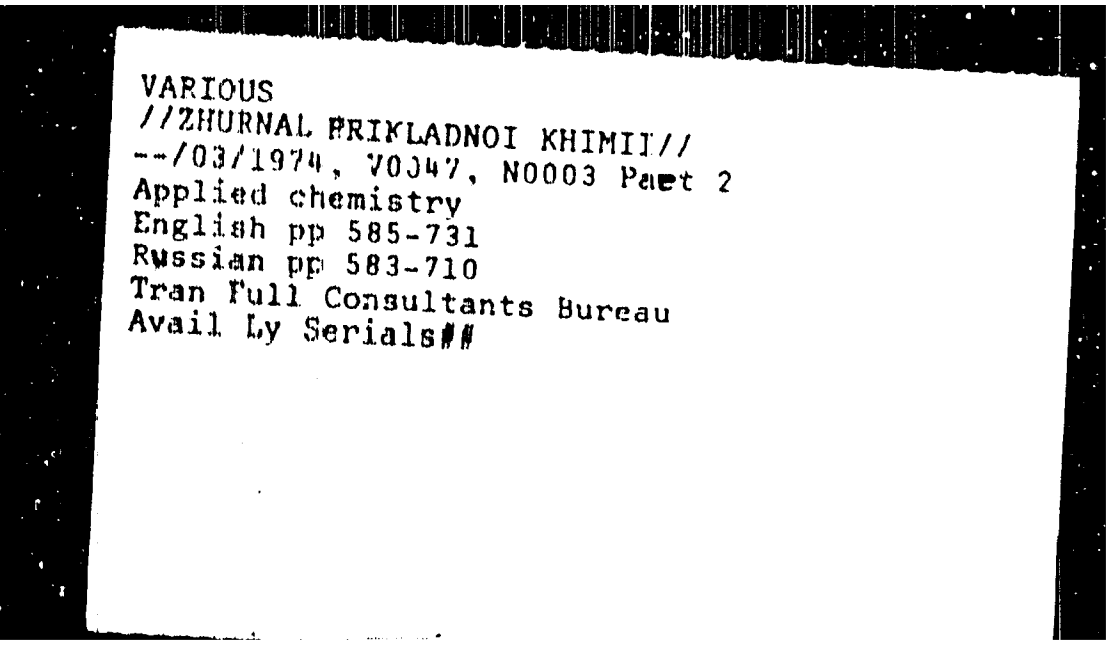
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



UNKNOWN
//ZHURNAL PRIKLADNOY KHIMIY//
--/03/1974,V0047,N0003,
Journal of Applied Chemistry of the USSR Part 1,
pp 485-584 English pages
pp 481-583 Russian pages
FULL TRANSLATION BY CONSULTANTS BUREAU
AVAILABLE IN LIBRARY SERIALS##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



VARIOUS
//ZHURNAL PRIKLADNOI KHIMII//
--/03/1974, V0047, N0003 Part 2
Applied chemistry
English pp 585-731
Russian pp 583-710
Tran Full Consultants Bureau
Avail Ly Serials##

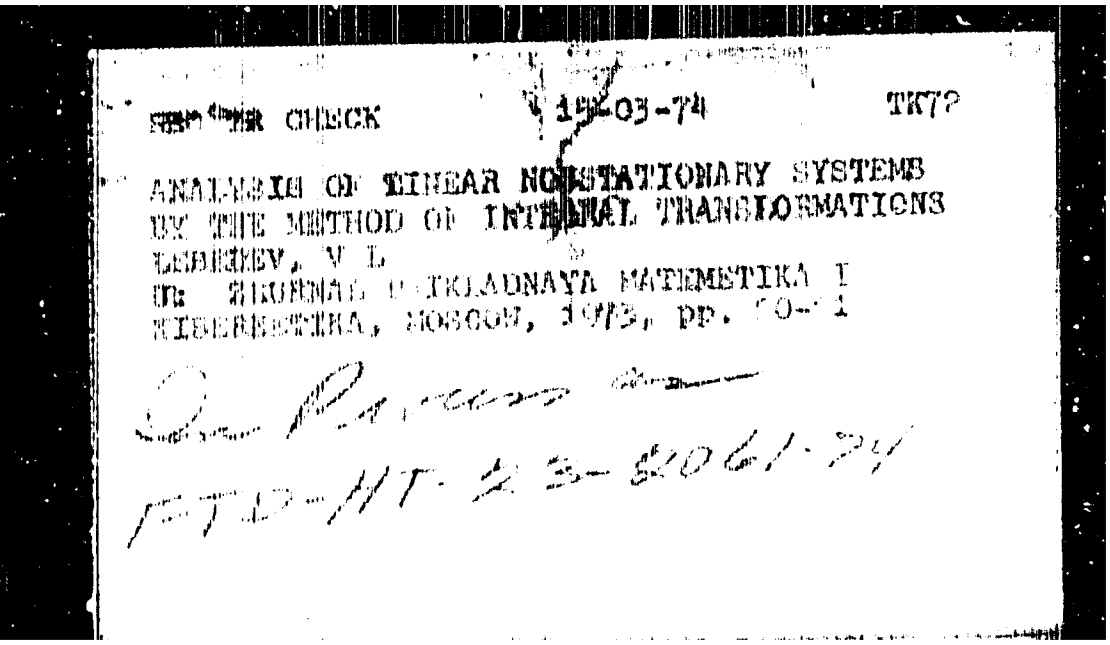
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

VARIOUS
//ZHURNAL PRIKLADNOI KHIMII//
--/03/1974, V0047, N0004 Part I
Applied Chemistry
English pp 733-842
Russian pp 713-828
Tran Full Consultants Bureau
Avail Ly Serials##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



FTD CHECK 15-03-74 TK7?

ANALYSIS OF LINEAR NONSTATIONARY SYSTEMS
BY THE METHOD OF INTEGRAL TRANSFORMATIONS
LEBEDEV, V. L.
IN: ZHURNAL VYCHISLADNAYA MATEMSTIKA I
MATEMATICHESKA, MOSCOW, 1973, PP. 70-1

FTD-MT-23-2061-74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

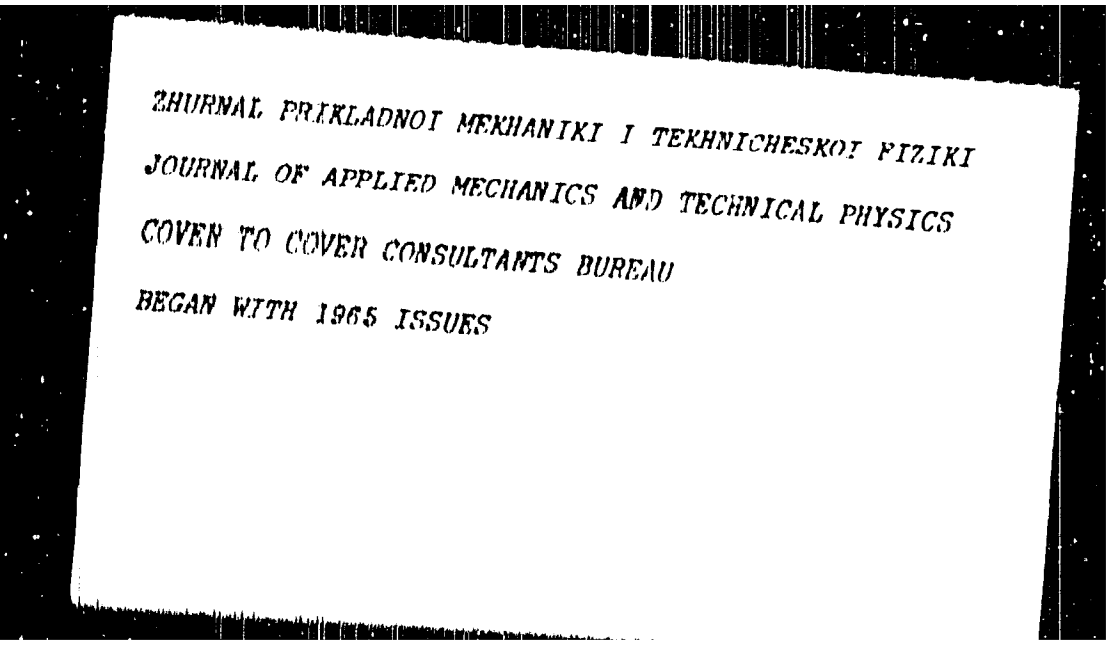
Zakharov, A. T.

Theory of Streamer Breakdown, 13 pp.
ZHURNAL PRIKLADNOY MATEMATIKI I TEORETICHESKOY FIZIKI, Moscow, No 1, 1973, pp 56-65.
JPRS 59474

Jul 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7


ZHURNAL PRIKLADNOI MEKHANIKI I TEKHNICHESKOI FIZIKI
JOURNAL OF APPLIED MECHANICS AND TECHNICAL PHYSICS
COVER TO COVER CONSULTANTS BUREAU
BEGAN WITH 1965 ISSUES

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Semenov, B. N.

Interaction of an Elastic Boundary with the Viscous Sublayer of a Turbulent Boundary Layer
ZHURNAL PRIKLADNOI MEKHANIKI I TEKHNICHESKOI FIZIKI,
n. 5, 1971, pp. 58-62,
NTC 73-13691-20D
NTIS N72-27515

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Zlygostov, G. V.

Parameters of multidimensional shock waves in aluminum
ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI,
No 4, 1971, pp 147-152
FTD-HC-23-669-73

may 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

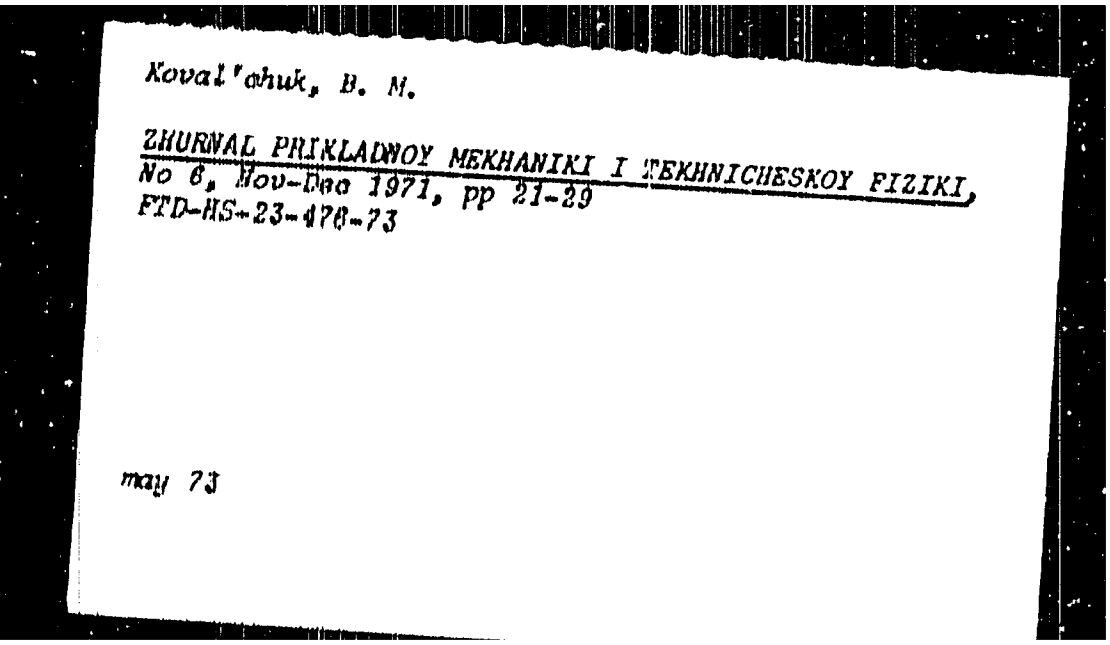
Bertinov, A. I.

ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI,
No 5, 1971, pp 3-11
FTD-HS-23-580-73

may 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



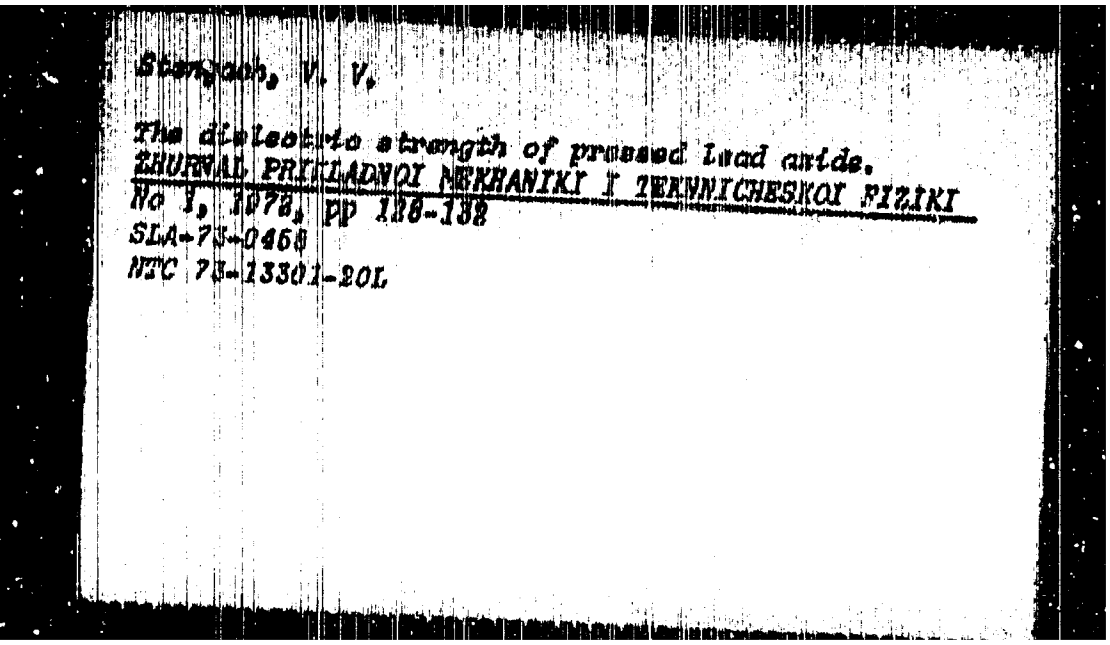
Koval'chuk, B. M.

ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI,
No 6, Nov-Dec 1971, pp 21-29
FTD-HS-23-478-73

may 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Stanyukh, V. V.

The dielectric strength of pressed lead azide.
ZHURNAL PRIKLADNOI MEKHANIKI I TEKHNICHESKOI FIZIKI
No 1, 1978, pp 138-139
SLA-79-0468
NTC 79-13301-20L

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

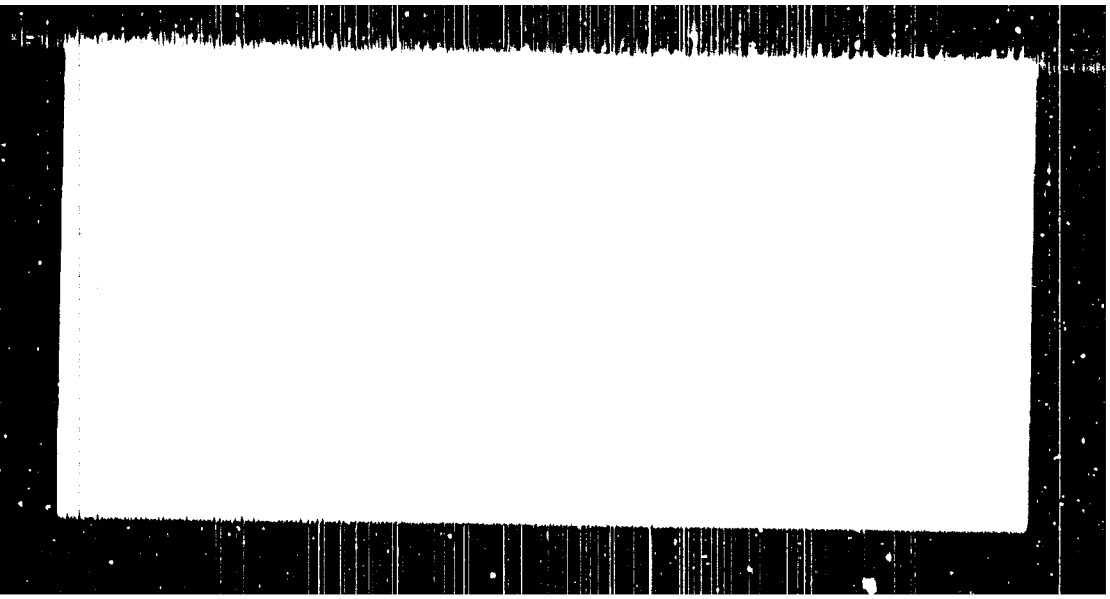
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Stenjach, V. V.

On the electrical strength of pressed lead azide
ZHURNAL PRIKLADNOI MEKHANIKI I TEKHNICHESKOI FIZIKI, n. 1,
1972, pp. 128-132
INC 72-13000-200
SLA - 73-4578

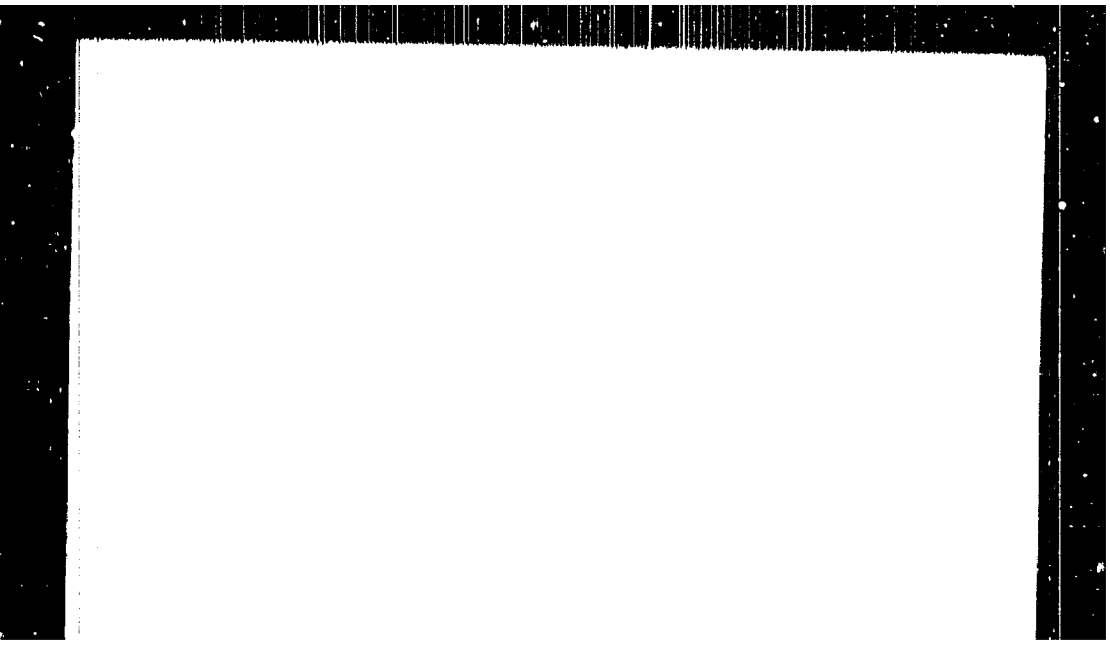
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



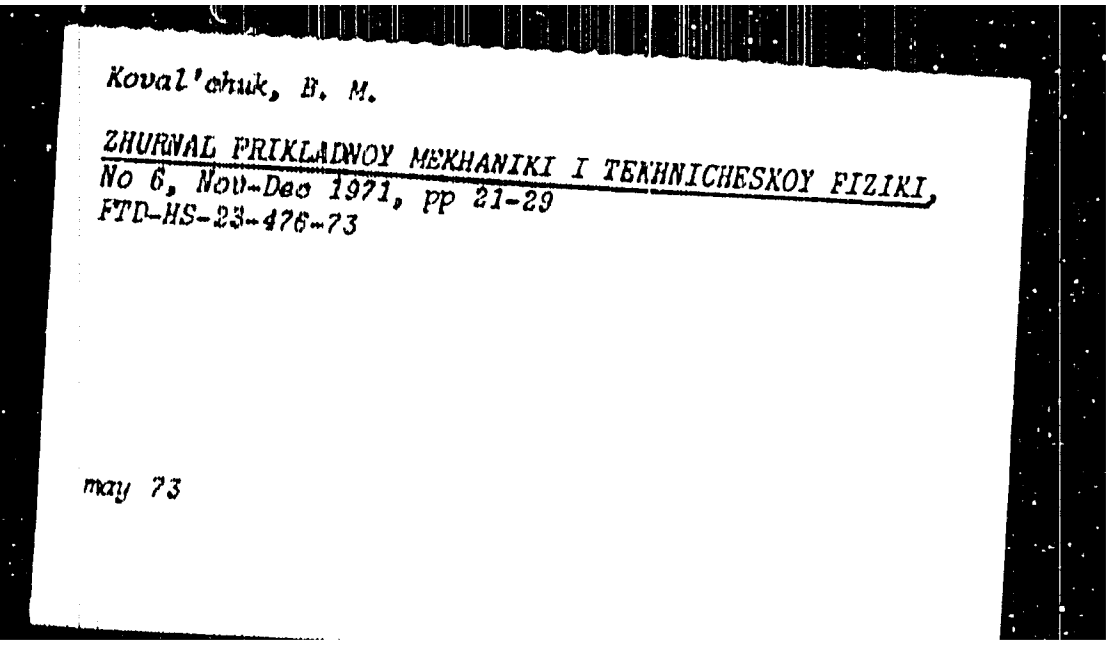
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



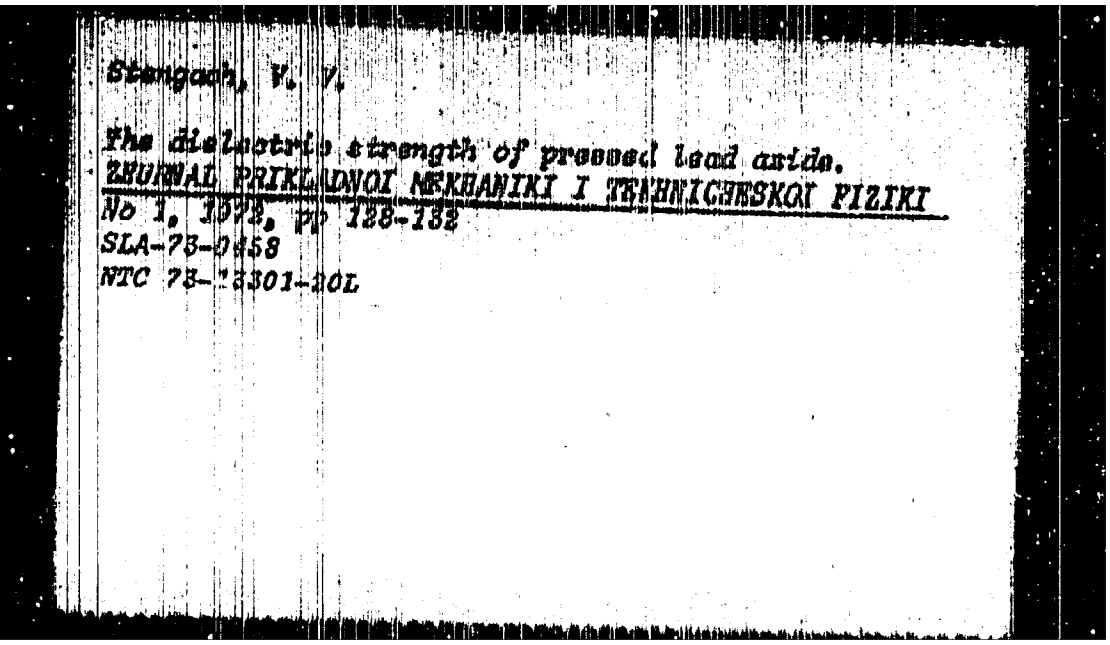
Koval'chuk, B. M.

ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI,
No 6, Nov-Dec 1971, pp 21-29
FTD-HS-23-476-73

may 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Stangach, V. V.

The dielectric strength of pressed lead azide.
ZHURNAL PRIKLADNOI MEKHANIKI I TEKHNICHESKOI FIZIKI
No 1, 1972, pp 128-132
SLA-73-0458
NTC 73-13301-20L

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Stenzach, V. V.

On the electrical strength of pressed lead azide
ZHURNAL PRIKLADNOI MEKHANIKI I TEKHNICESKOI FIZIKI, n. 1,
1972, pp. 128-132
FTC 73-13000-ECC
SLA - 73-455

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

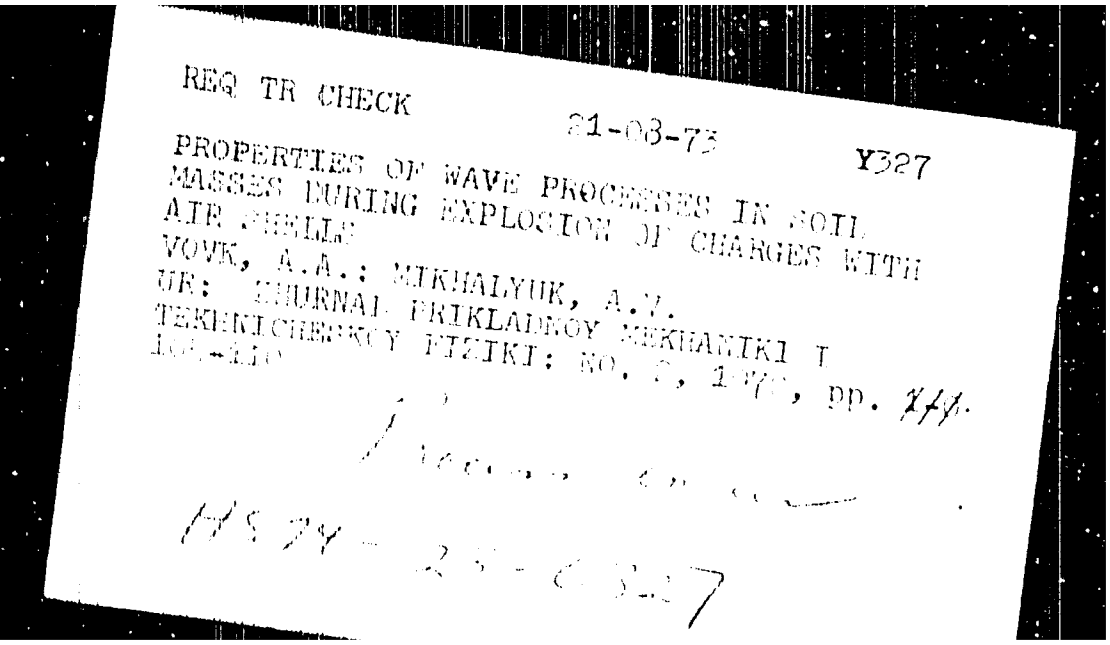
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

REQ TR CHECK 21-08-73 T325

EXPERIMENTAL STUDY OF DAMPING SHOCK WAVES IN STEEL
BOYKO, M M; LETYAGIN, V.A:
UR: ZHURNAL PRIKLADNOY MEKHANIKA I TEKHNICHESKOY FIZIKE, NO. [illegible], 1-73, pp. 101-104

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



REQ TR CHECK 21-08-73 Y327

PROPERTIES OF WAVE PROCESSES IN SOIL MASSES DURING EXPLOSION OF CHARGES WITH AIR SHELLS

VOVK, A.A.; MIKHALYUK, A.V.

UR: ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI: NO. 2, 1973, pp. 144.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Lyakhov, G. M.

Shock waves in soils and in water near the explosion site 16 pp

ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI, nr. 3, 1972, 151-159 pp

AIR/FTD-HT-23-388-74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

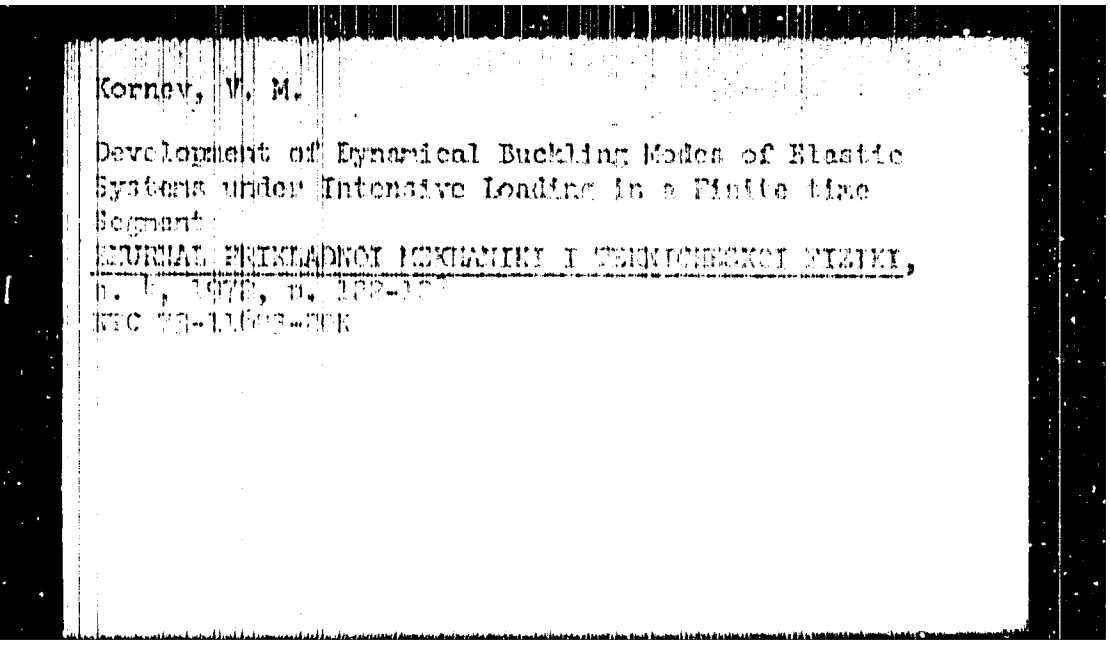
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Zhiguiev, V. M.

A question of gas motion near strongly heated bodies 6 pp
ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI, no. 4, 1972, pp. 95-98
AIR/FTD-HT-23-1338-74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



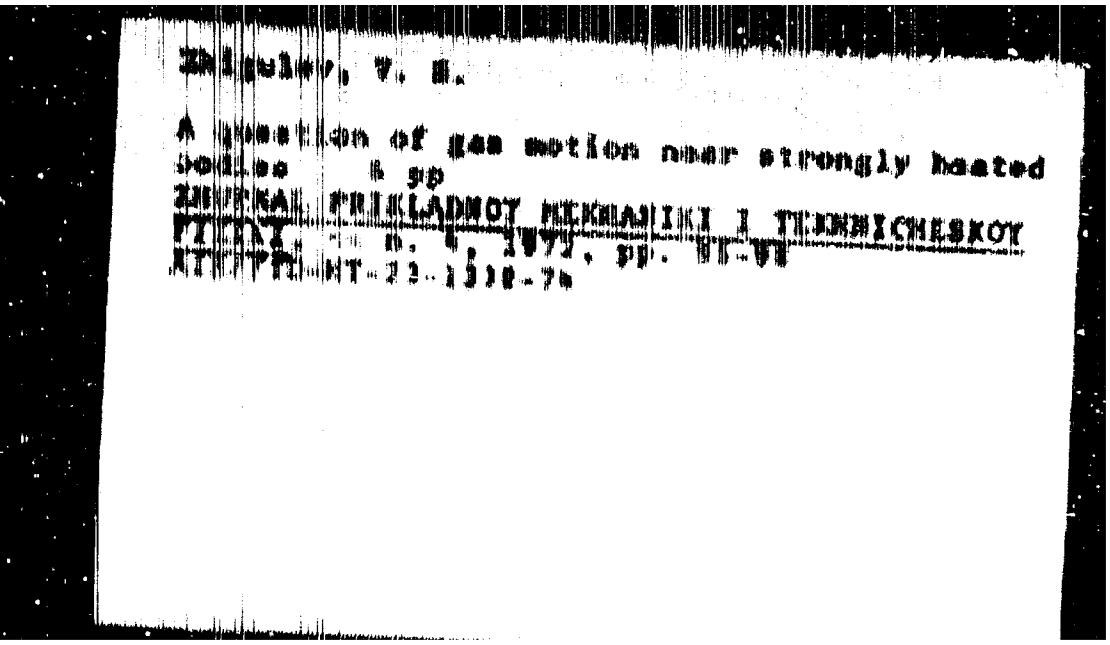
Korney, V. M.

Development of Dynamical Buckling Modes of Elastic Systems under Intensive Loading in a Finite Time Segment

ZHURNAL PRIKLADNOI MEKHANIKI I TEKHNICHESKOI FIZIKI,
n. 1, 1978, p. 128-[illegible]
NTC 78-11[illegible]-PER

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Zhukov, V. M.

A question of gas motion near strongly heated bodies 6 pp

ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI, n. 4, 1977, pp. 91-97

NTIS/NT-77-1510-7h

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

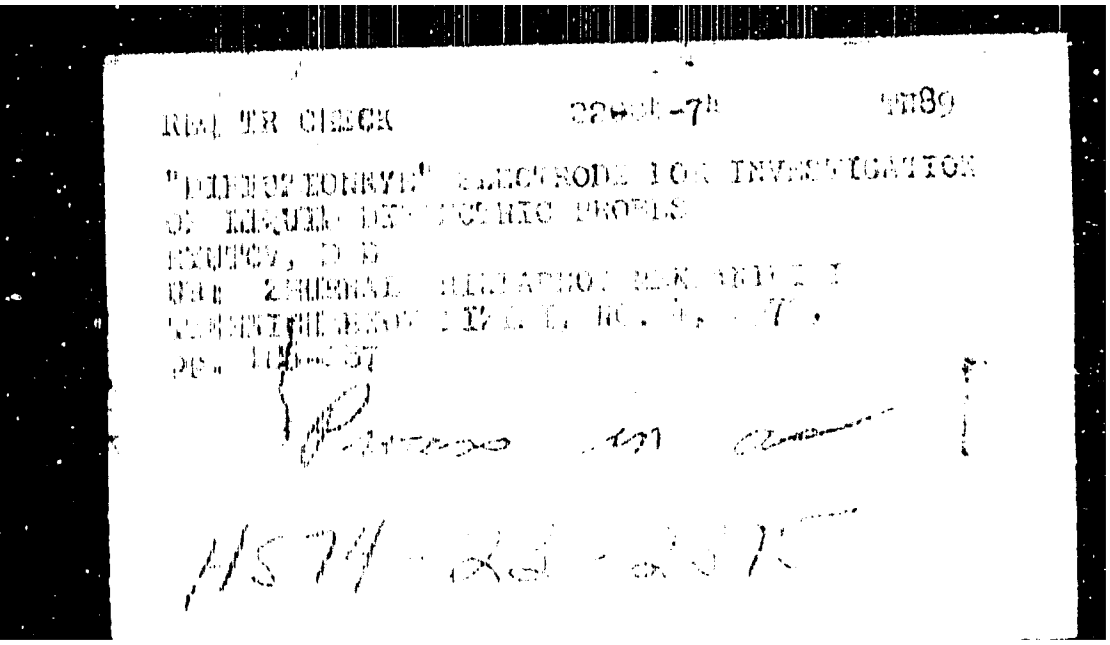
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

REQ TR CHECK 19-07-73 T070

ON THE INACCURACY OF MEASURING GROUND TENSION DURING SHORT TERM LOADING
NAROZHNAYA, Z.V.; RYKOV, G.V.
UR: ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI, NO. 4, 1972, pp. 145-150

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

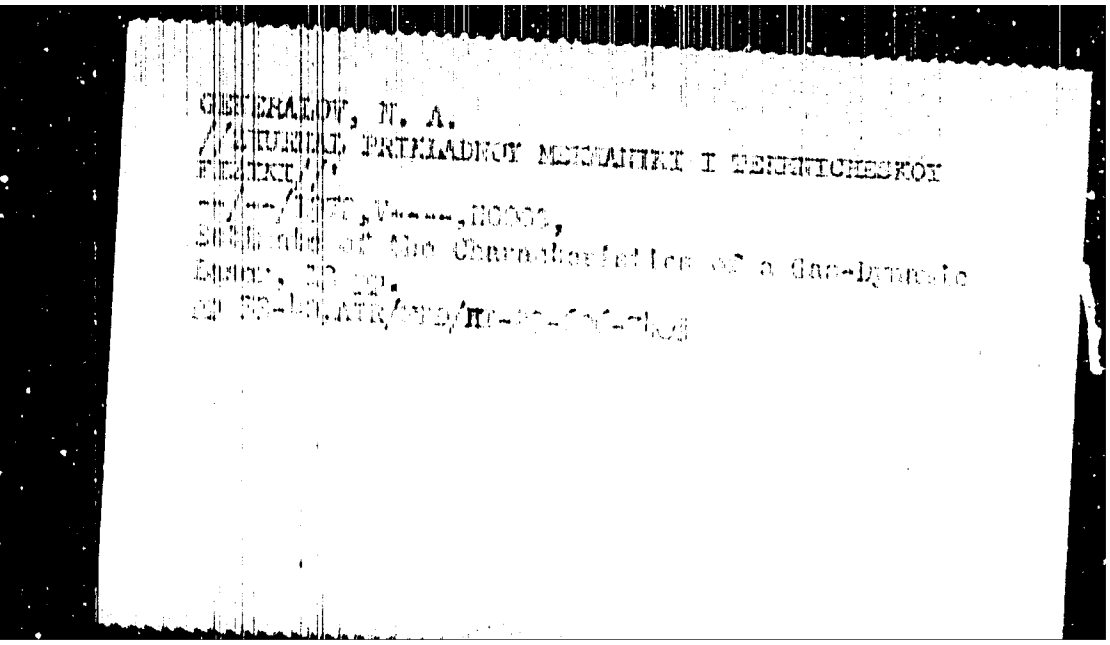


RIF TR CHECK 2200-7[illegible] 1989

"[illegible]" [illegible] FOR INVESTIGATION
[illegible] [illegible]
[illegible], D.C.
[illegible]
[illegible]
[illegible]

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



GUSTERALOV, N. A.

/Journal, Prikladnoy Matematiki i Tekhnicheskoy Fiziki/

[illegible]

Subject: "On Characterization of a Gas-Dynamic Limit," [illegible]

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

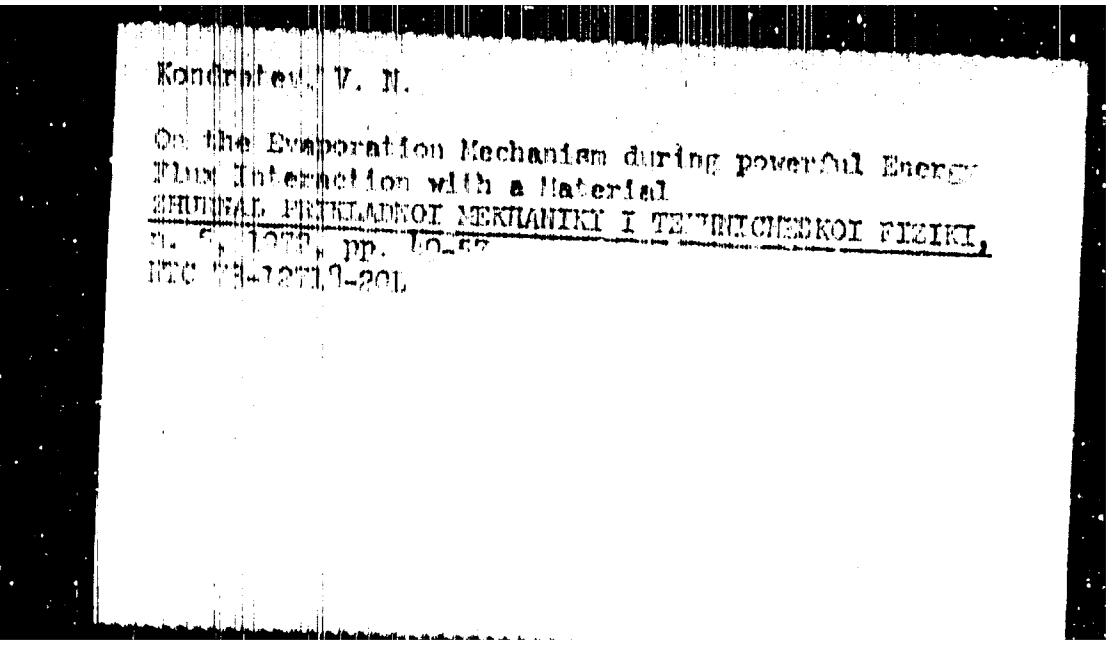
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Volosevich, P. P.

Different Thermal Heating Modes during Interaction of powerful Radiation Fluxes with a Material
ZHURNAL PRIKLADNOI MEKHANIKI I TEKHNICHESKOI FIZIKI,
n. 5, 1973, pp. 41-48
NTC 73-12734-20I

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Kondrat'ev, V. N.

On the Evaporation Mechanism during powerful Energy Flux Interaction with a Material

ZHURNAL PRIKLADNOI MEKHANIKI I TEKHNICHESKOI FIZIKI, [illegible], pp. 10-58

[illegible]-12717-201

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

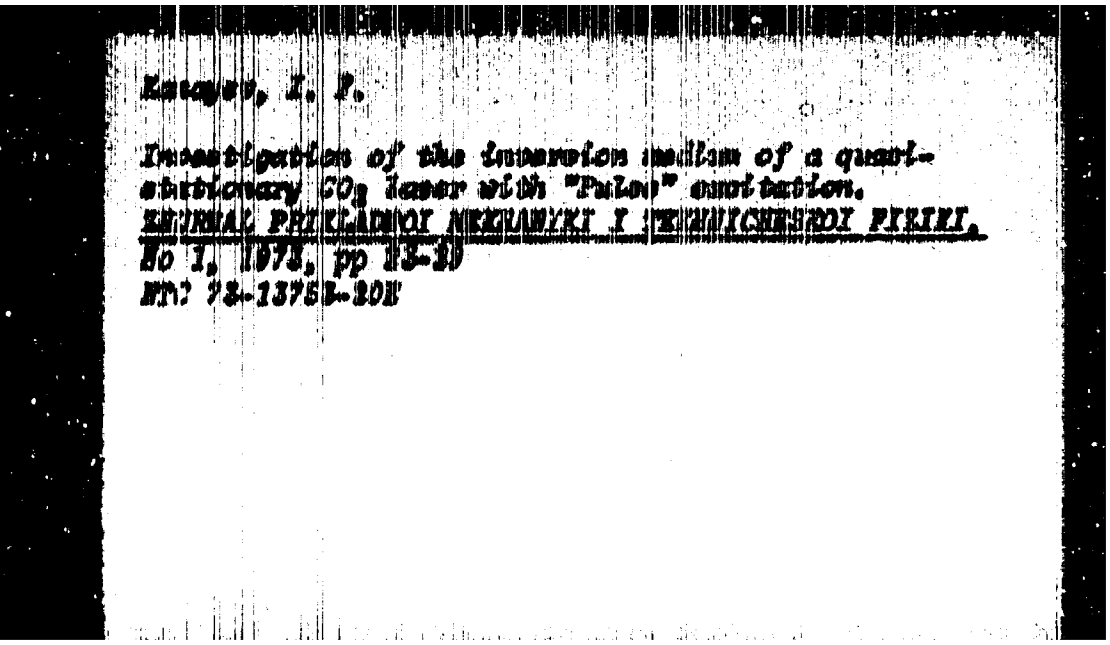
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Kanayev, I. F.

ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI,
No 1, 1973, pp 23-29
FTD-HS-23-688-73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



Kasyan, L. P.

Investigation of the inversion medium of a quasi-stationary CO_2 laser with "PuLo" excitation.
KVANTOVAYA ELEKTRONIKA NEKHANICHESKOY PECHATI,
No 1, 1973, pp 13-19
FTD-73-1375-2011

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

Zakharov, A. I.

On the theory of streamer breakdown 15 pp
ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI,
Mar. 1, 1973, pp. 58-65
AIR/STD-TT-23-702-74

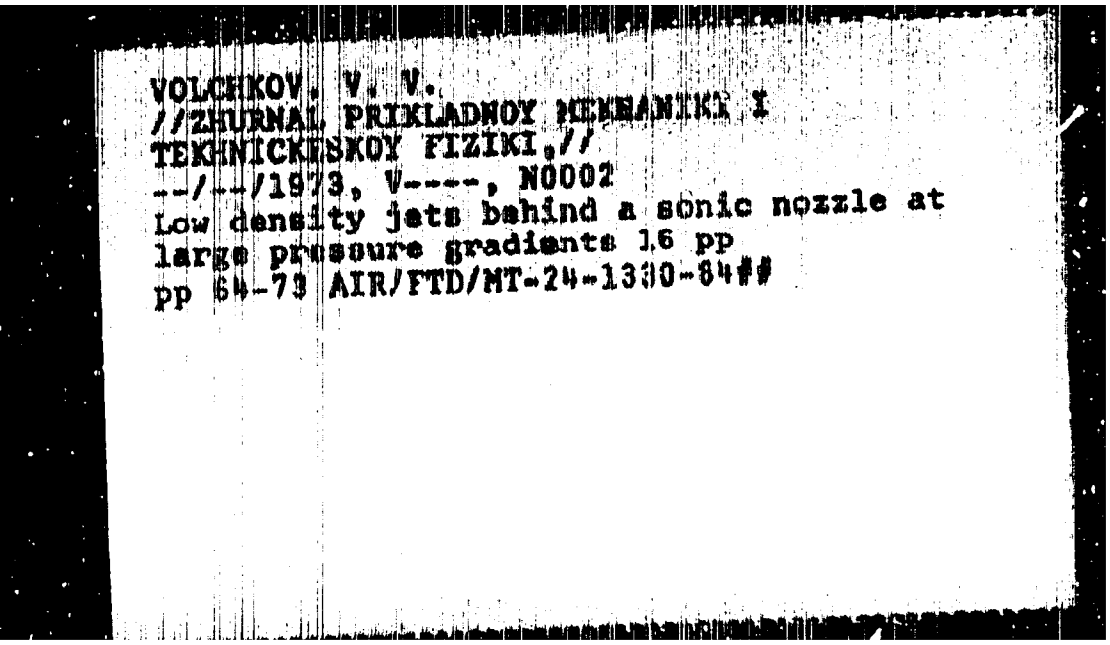
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

ZASLOWKO, P. S.
//ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI//
--/--/1973, V----, N0002,
Possibility of dissociation reactions occuring in polyatomic molecules diring rapid cooling in an expanding supersonic flow, 10 pp,
pp 48-53, March-April 1973,
AIR/FTD-HT-23-765-74##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

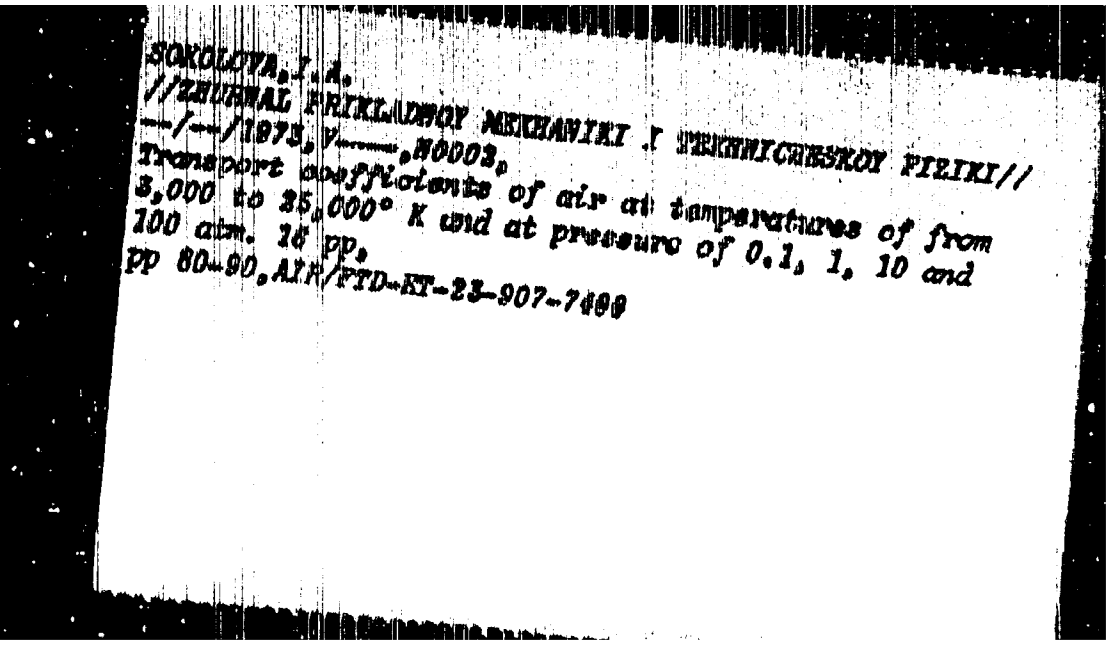
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



VOLCHKOV, V. V.
//ZHURNAL PRIKLADNOY MEKHANIKI I
TEKHNICHESKOY FIZIKI,//
--/--/1973, V----, N0002
Low density jets bahind a sonic nozzle at
large pressure gradients 16 pp
pp 64-73 AIR/FTD/MT-24-1330-84##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



SOKOLOVA, I. A.
//ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI//
—/—/1973, V——, N0003,
Transport coefficients of air at temperatures of from 3,000 to 35,000° K and at pressure of 0.1, 1, 10 and 100 atm. 16 pp.
pp 80-90, AIR/FTD-HT-23-907-7#89

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

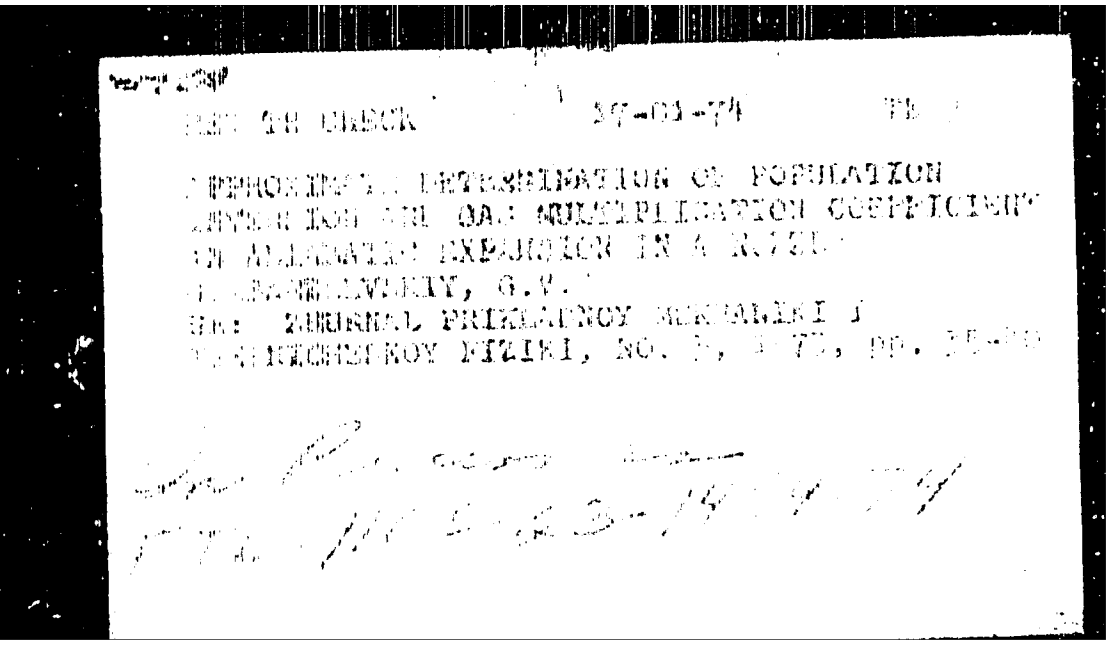
Gemburzhovskiy, G.B.

An approximate determination of inversion population and of the amplification factor of gas during adiabatic expansion in the nozzle. ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI, No.3, 1973, pp.35-40.
NISC 3549

NAW/NISC/TEAN-3549-74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

REQ TR CHECK 30-11-73 TB40

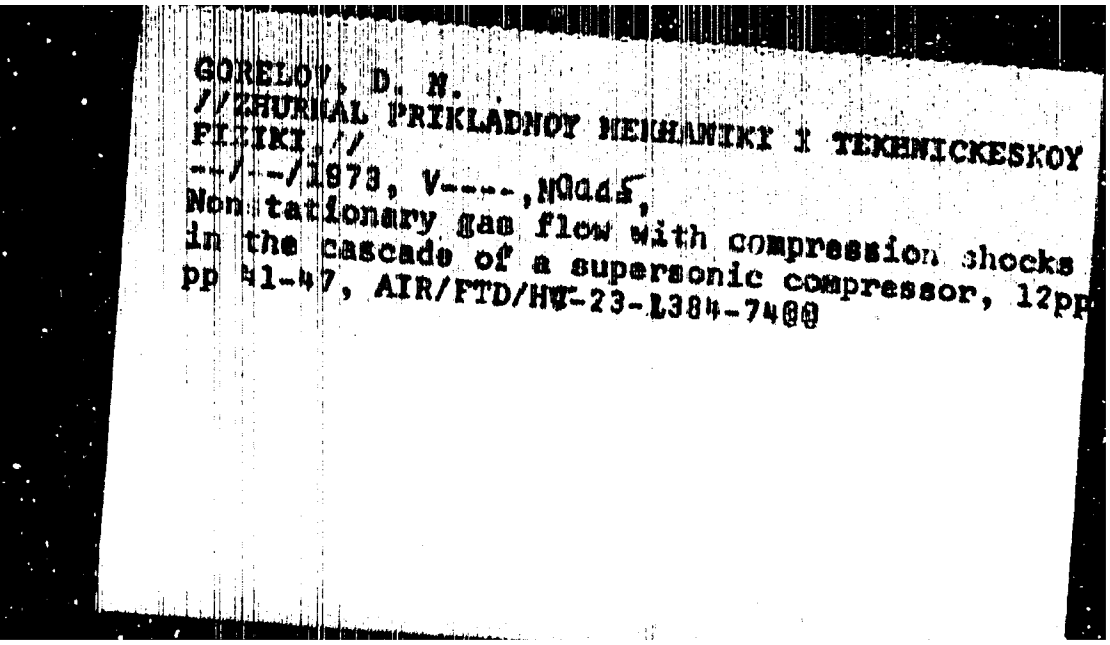
ON THE ROLE OF NON-RESONANT VOLUME PROCESSES IN GASDYNAMIC LASERS

BIRYUKOV, A.S.; SHELEPIN, L.A.

UR: ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI, NO. 4, 1973, pp. 25-32

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7



GORELOV, D. N.
//ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICKESKOY FIZIKI //
--/--/1973, V----,NOad5,
Nonstationary gas flow with compression shocks in the cascade of a supersonic compressor, 12pp pp 41-47, AIR/FTD/HW-23-1384-7400

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260048-7